

1887-12-1815

ANCHOR POST IRON WORKS

NEW YORK PHILADELPHIA BOSTON HARTFORD

WIRE FENCES AND ARBORS
WROUGHT IRON RAILINGS & GATES



CATALOGUE 50



ANCHOR POST
IRON WORKS



ANCHOR POST
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Rec'd SEP 28 1915



Plate No. 4402. Gateway, Bayshore, L. I. From designs by Carl L. Otto, Architect
Made and erected by Anchor Post Iron Works

WIRE FENCES AND ARBORS WROUGHT IRON RAILINGS AND ENTRANCE GATES

ENCLOSURES FOR POULTRY, DOGS, CATTLE, SHEEP AND GAME. TENNIS COURT FENCES. UNCLIMBABLE FENCES FOR FACTORIES, RESERVOIRS, CEMETERIES, PARKS, PLAY GROUNDS, ETC. ARBORS, TRELLISES, TREE GUARDS, WIRE, WIRE NETTING, GALVANIZED ANCHOR POSTS, ETC., ETC.

CATALOGUE No. 50

SECTION ONE	Pages 5 to 20
Wire Fences and Tennis Court Enclosures	
SECTION TWO	Pages 21 to 44
Unclimbable Fences for Factories, Railroads, Parks, etc.	
SECTION THREE	Pages 45 to 68
Wrought Iron Railings and Entrance Gates	
SECTION FOUR	Pages 69 to 92
Farm Fences, Poultry Enclosures, Arbors, etc.	

ANCHOR POST IRON WORKS

MANUFACTURERS AND BUILDERS OF FENCES FOR ALL PURPOSES

OFFICE AND SALESROOMS, 165 BROADWAY, NEW YORK CITY
FACTORY: GARWOOD, N. J. TELEPHONE, CORTLANDT 8733-8734

BRANCH OFFICES

BOSTON, MASS.	79 MILK STREET	MINEOLA, L. I.	JERICO TURNPIKE
HARTFORD, CONN.	902 MAIN STREET	NEWARK, N. J.	567 WARREN STREET
PHILADELPHIA, PA., REAL ESTATE TRUST BLDG.		STAMFORD, CONN.	11 CLINTON AVENUE

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DESIGNED, WRITTEN AND PRINTED UNDER THE DIRECTION OF RICKARD AND SLOAN, INCORPORATED, NEW YORK

Wire Fences and Tennis Court Enclosures



WE make fences for all purposes, from the simplest wire fence for the farm to elaborate railings and entrance gates, as well as arbors, trellises and aviaries; dog kennel, stock paddock and tennis court enclosures, etc.

This section of our catalogue covers the various types of fences for lawns and gardens, and also tennis court enclosures and backstops.

The fences shown vary in height, design and price, but all are alike in that most important particular—the posts. These standard Anchor Posts are U-shaped bars of high carbon steel—a metal very much stronger than ordinary commercial steel or iron.

Anchor Posts are Galvanized

We are now galvanizing all parts of our wire fences. Our galvanizing is the old-fashioned hot-dip spelter, the best and thickest protection that can be given to metal. Ungalvanized posts are particularly subject to rust at or just below the ground. This is the very part of the post that it is impossible to keep painted, and also the point of greatest strain.

They Will Last Twenty Years or More

We know that our posts will last twenty years; how much longer we cannot say from actual experience. Tests made by government experts and by mechanical engineers would justify our claiming for them a much longer life.

Anchor Post Fences Stay in Line

They are not shifted by the action of frost or the stress of hard usage. The post-bar is driven. Digging is not required. It is held from opposite sides by two anchor stakes, driven through sockets clamped to the sides of the post, as shown in trade-mark illustration.

Erected by Experienced Men

We have been building fences for over twenty years. We have a large force of erectors under the supervision of our home office (or the nearest branch office), trained to set our work as we think it ought to be set.

Prices

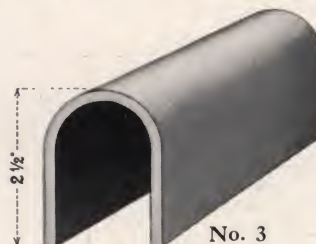
The prices given in the tables are for the fence by the running foot, and include the line posts, wire, top rail, and everything complete, with the exception of the straining posts and gates, which are quoted extra. The list prices are for material only, and are subject to a discount. Prices, including the cost of erecting, quoted on application.



No. 1



No. 2



No. 3

The above illustrations show the shape and dimensions of our standard U-bar Anchor Posts. In the price list tables these several sizes are referred to by their respective numbers.





Plate No. 3376. Woven Wire Fence

THE fabric of this fence is made of heavy crimped galvanized wire, bound together by twisted cables. The size of mesh is 3x6 inches. This fabric is also made in a closer mesh, as illustrated and described on the opposite page. The posts are standard Anchor Posts, size No. 1. For End, Corner and Gate Posts, tubular posts are used, 2½ inches outside diameter. The top rail is of standard pipe (1¾ inches outside diameter). All parts of our wire fences and gates are galvanized.

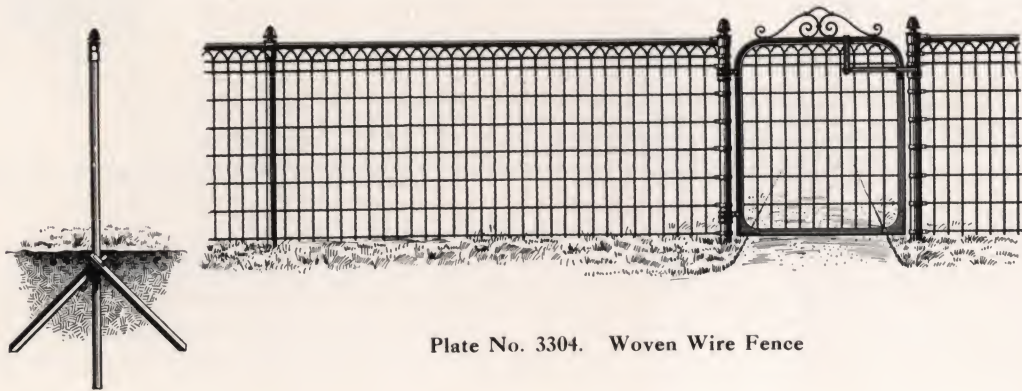


Plate No. 3304. Woven Wire Fence



Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
3 feet 2 inches	35	\$0.59	\$0.54	\$4.00	\$8.00	\$19.00
3 feet 6 inches	40	.62	.57	4.25	8.50	20.50
4 feet	46	.66	.61	4.50	9.00	22.00
4 feet 6 inches	52	.70	.65	4.75	9.50	23.50

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.

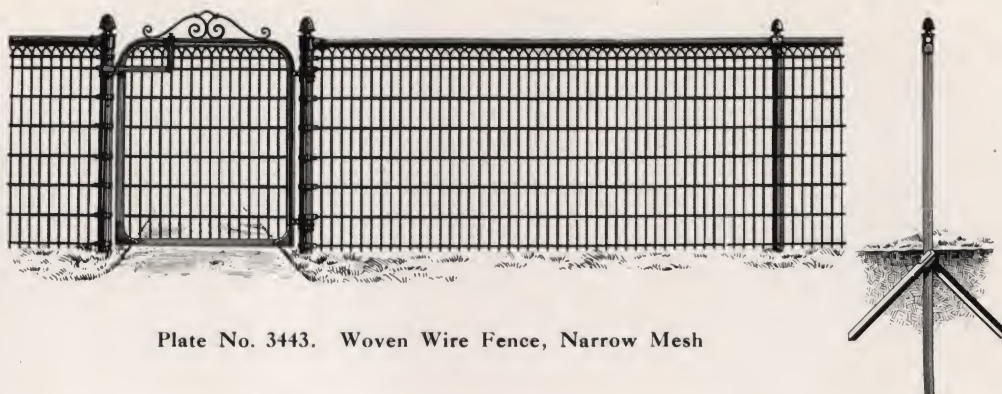


Plate No. 3443. Woven Wire Fence, Narrow Mesh

IN this fence the vertical pickets or wires are spaced $1\frac{3}{4}$ inches apart, thus giving greater protection against small animals. It is a very strong fabric, and on account of its narrow mesh is practically unclimbable. The posts and top rail are the same as described in the preceding pages

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, $3\frac{1}{2}$ Feet	Double 10-Foot Opening
3 feet 2 inches	35	\$0.63	\$0.58	\$4.00	\$8.00	\$19.00
3 feet 6 inches	40	.67	.62	4.25	8.50	20.50
4 feet	46	.72	.67	4.50	9.00	22.00
4 feet 6 inches	52	.77	.72	4.75	9.50	23.50

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.

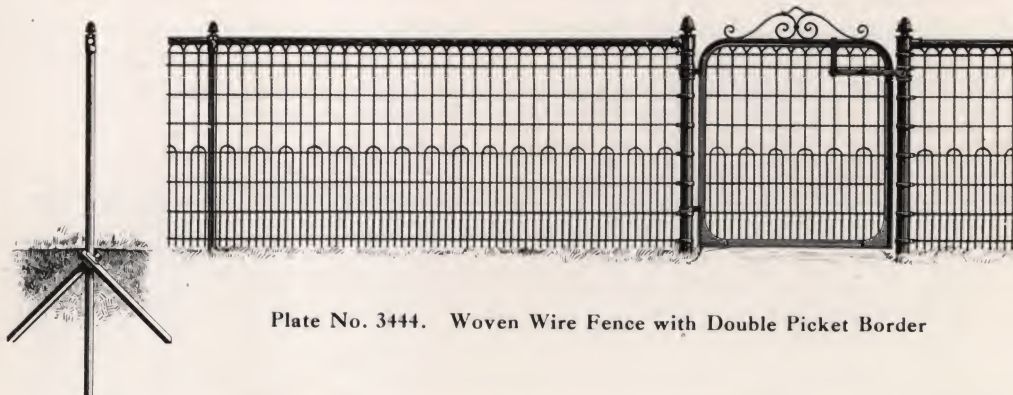


Plate No. 3444. Woven Wire Fence with Double Picket Border

THE fabric in this fence is a combination of wide and narrow spacing, made by interweaving an extra set of pickets. The lower pickets are $1\frac{3}{8}$ inches apart; the top ones, $2\frac{7}{8}$ inches.

In all of our fences the fabric is securely fastened to the posts by means of heavy wire staples which are driven through holes in the face of the post and bent or clinched down on the inner side. It is also secured to the top rail at frequent intervals by double tie wires.

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, $3\frac{1}{2}$ Feet	Double 10-Foot Opening
3 feet 2 inches	35	\$0.63	\$0.58	\$4.00	\$8.00	\$19.00
3 feet 6 inches	40	.67	.62	4.25	8.50	20.50
4 feet	46	.72	.67	4.50	9.00	22.00
4 feet 6 inches	52	.77	.72	4.75	9.50	23.50

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.





Plate No. 3445. Chain Link Woven Steel Fence, 4 feet in height

CHAIN Link Woven Steel is very popular for either front fencing or for divisional lines where a fabric of more than ordinary strength is desired. We make it in two weights of wire, No. 9 being the lighter, No. 6 the heavier. On account of the close mesh, the fence is unclimbable and will keep out small animals. We build this fence in any height from 3 feet 6 inches up to 10 feet.

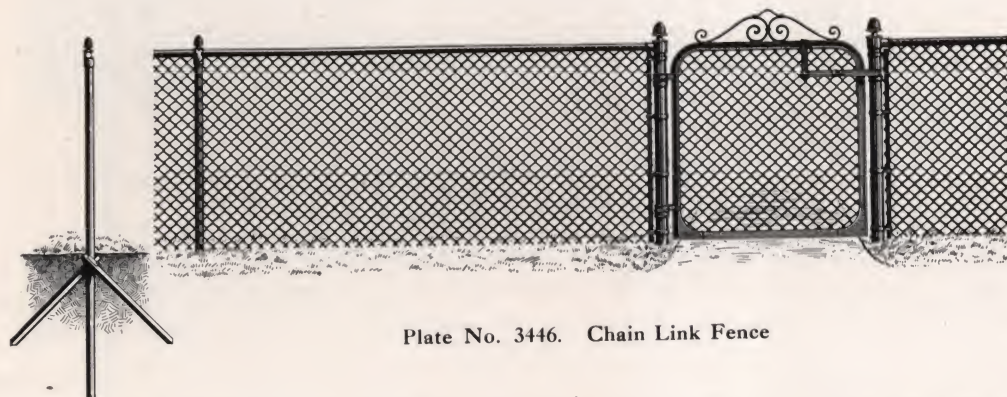


Plate No. 3446. Chain Link Fence

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced 8 Feet		Price of End, Corner and Gate Posts	Price of Gates 1½-Inch T-Frame	
		No. 9 Wire	No. 6 Wire		Single, 3½ Feet	Double 10-Foot Opening
3 feet 6 inches	42	\$0.80	\$0.94	\$4.25	\$10.50	\$27.00
4 feet	48	.86	1.02	4.50	11.25	29.00
4 feet 6 inches	54	.92	1.10	4.75	12.00	31.00
*5 feet	60	1.08	1.28	6.40	13.50	34.00
*6 feet	72	1.22	1.46	9.40	15.50	38.00

*Fences 5 feet in height and higher have large size Anchor Posts; also Braces with straining posts 6 feet and higher. List prices, not including cost of erecting, are subject to discount. Net prices, including erection, quoted on application.





Plate No. 3391. A netting fence inclosing a lake on the property of Mr. G. D. Tilley, Darien, Conn. At this well known establishment, devoted to the breeding of ornamental land and water birds, Anchor Post Fences and aviaries are used exclusively.

THE netting in this fence is made of No. 16 wire, 2-inch mesh. It is galvanized after it is woven, making it a very durable fencing material. The posts are Anchor Posts, size No. 1. A wire is stretched at the bottom of the fence to give extra strength at this point. Netting fences 4 feet and higher are also re-enforced at the back with coiled spring wires. (See page 10.)

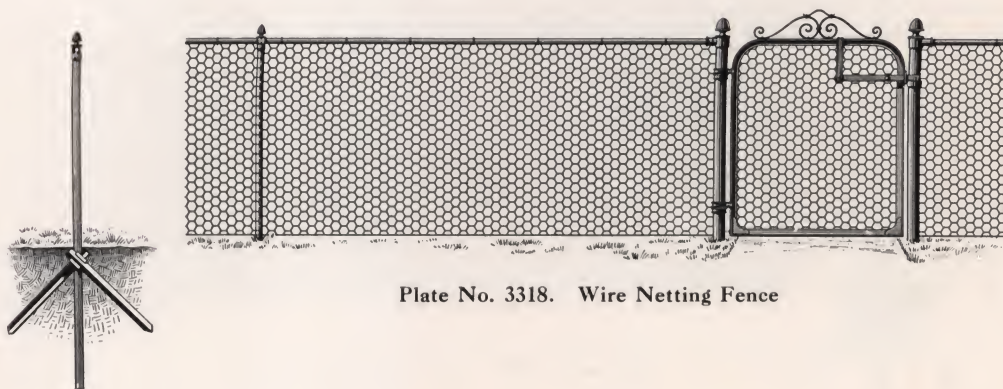


Plate No. 3318. Wire Netting Fence

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
3 feet	36	\$0.49	\$0.44	\$4.00	\$8.00	\$19.00
3 feet 6 inches	42	.52	.47	4.25	8.50	20.50
4 feet	48	.55	.50	4.50	9.00	22.00
4 feet 6 inches	54	.58	.53	4.75	9.50	23.50

List prices, not including cost of erecting, are subject to discount. Net prices, including erection, quoted on application.





Plate No. 3428. Wire Netting Fence, 6 Feet High

FENCE at Pocantico Hills, N. Y. Height, 6 feet; length, 6,000 feet. The posts are Anchor Posts, size No. 2, set 8 feet apart, carrying a top rail of 1-inch pipe. Six strands of Coil Spring Wire form a strong backing for the wire netting.

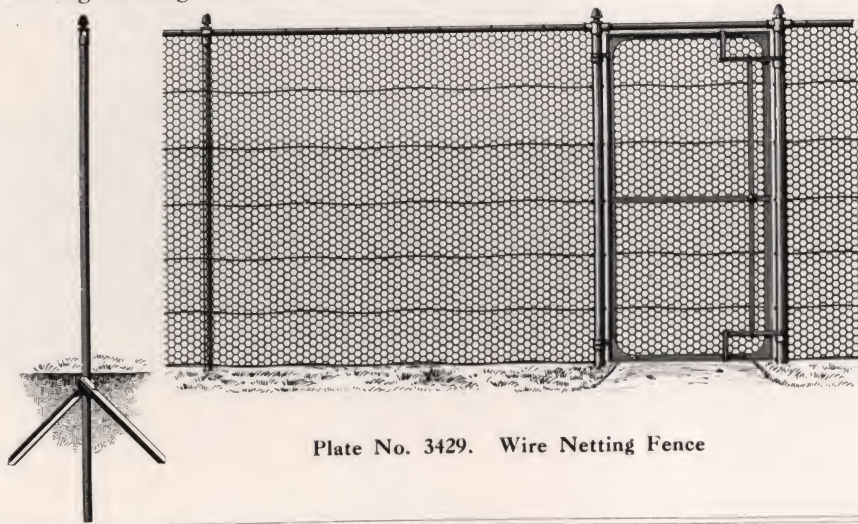


Plate No. 3429. Wire Netting Fence

Height Above Ground Feet	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
5	60	\$0.70	\$0.63	\$6.40	\$10.50	\$26.00
6	72	.77	.69	9.40	11.50	28.00
7	42-42	.84	.76	10.00	13.00	31.00
8	48-48	.91	.83	10.60	14.50	34.00

Fences 5 feet in height and higher have Anchor Posts, size No. 2; also braces for straining posts, 6 feet and higher. List prices, erecting not included, are subject to discount. Net prices, including erecting, quoted on application.





Plate No. 3399. Woven Wire Fence, 8 Feet High

THE posts in this fence are Anchor Posts, size No. 2. The top rail is galvanized pipe $1\frac{3}{8}$ inches outside diameter. The netting is 3 x 6-inch mesh, and $1\frac{3}{4}$ x 6-inch netting can be furnished if desired. It is a fence suitable for vines and forms a perfect screen for drying yards, gardens or on boundary lines between properties. It can be furnished either with or without top arms and barbed wire.

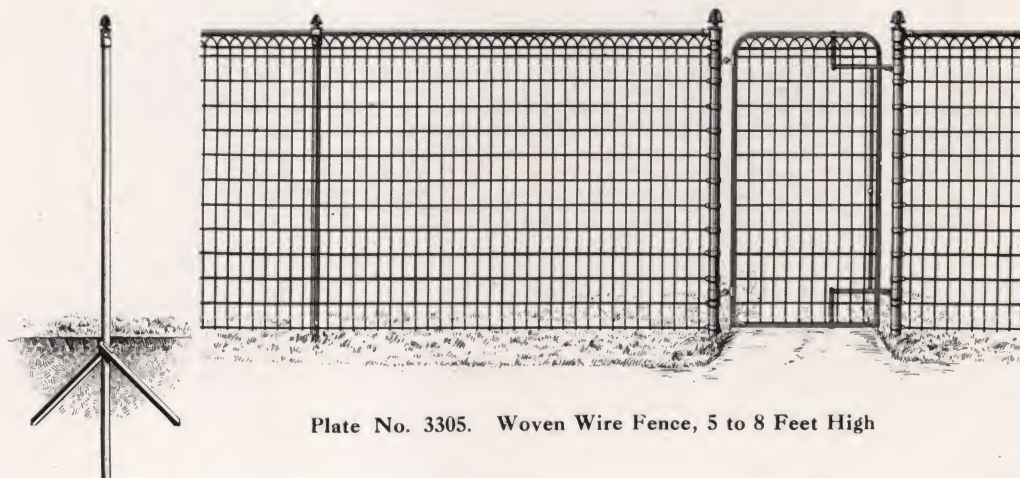


Plate No. 3305. Woven Wire Fence, 5 to 8 Feet High

Height Above Ground Feet	Width of Netting Inches	Price per Lineal Foot Posts Spaced 8 Feet		Price of End, Corner and Gate Posts	Price of Gates	
		3-Inch Mesh	$1\frac{3}{4}$ -Inch Mesh		Single, $3\frac{1}{2}$ Feet	Double 10-Foot Opening
5	58	\$0.82	\$0.90		\$10.50	\$26.00
6	70	.92	1.02	With brace 9.40	11.50	28.00
7	82	1.02	1.14	With brace 10.00	13.00	31.00
8	94	1.12	1.26	With brace 10.60	14.50	34.00

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application. For the diagonal arms and two strands of barbed wire, add four cents to the lineal foot price.



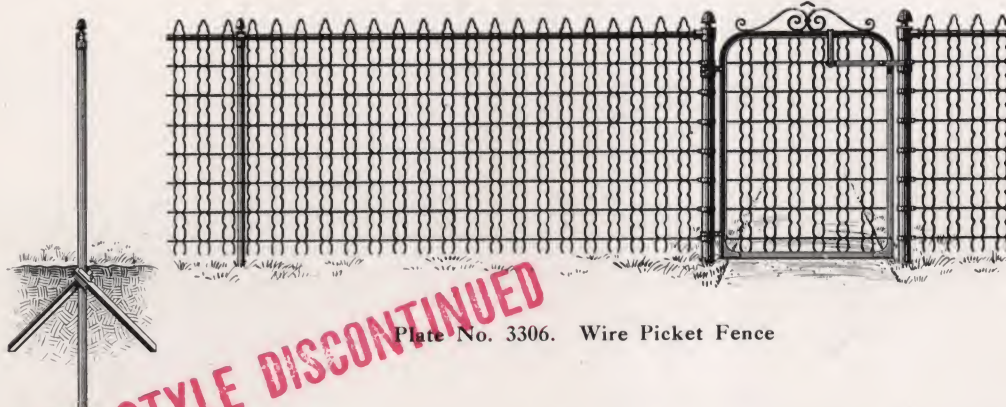


Plate No. 3306. Wire Picket Fence

THIS illustration shows a fence made of heavy wire pickets woven together. These pickets are of No. 6 galvanized steel wire. The lateral cables are 6 inches apart and the space between pickets 3 inches. This netting, when used with our galvanized Anchor Posts and top rail, makes one of the strongest and most serviceable wire fences that it is possible to build.

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
3 feet 3 inches	37	\$0.83	\$0.78	\$4.00	\$8.50	\$20.50
3 feet 9 inches	43	.91	.86	4.25	9.00	22.00
4 feet 3 inches	49	1.03	.98	4.50	9.50	23.50

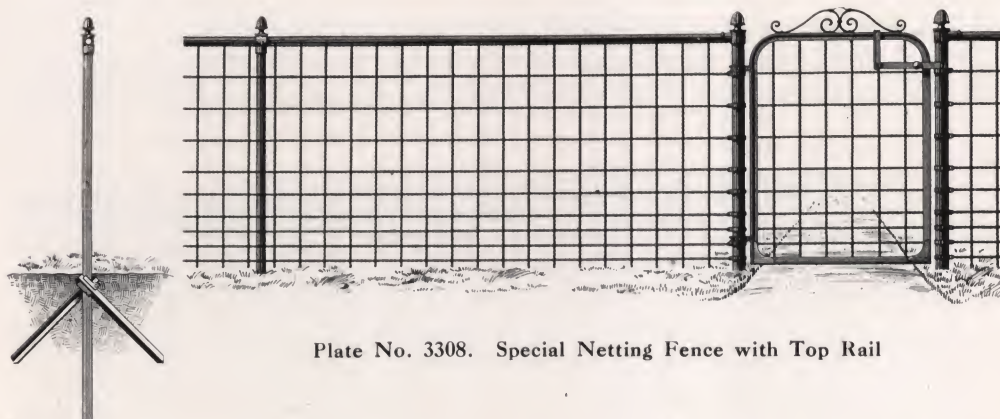


Plate No. 3308. Special Netting Fence with Top Rail

THIS fence is constructed on Anchor Posts, size No. 1 up to 5 feet in height. For fences 5 feet and higher, posts size No. 2 are furnished. Vertical wires are spaced 5 inches apart, horizontal cables 6½ inches at the top of the netting, decreasing to 3-inch spacing at the bottom. It is a fence used extensively for stock paddocks, boundary and division lines, garden enclosure, etc.

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
3 feet 6 inches	38	\$0.49	\$0.44	\$4.25	\$8.50	\$20.50
4 feet	44	.52	.47	4.50	9.00	22.00
4 feet 6 inches	51	.55	.50	4.75	9.50	23.50
* 5 feet	57	.66	.59	6.40	10.50	26.00
6 feet	70	.74	.66	9.40	11.50	28.00
7 feet	44-39	.82	.74	10.00	13.00	31.00
8 feet	57-39	.90	.82	10.60	14.50	34.00

* Fences 5 feet in height and higher have Anchor Posts, size No. 2; also braces for straining posts, 6 feet and higher. List prices, erecting not included, are subject to discount. Net prices, including erecting, quoted on application.



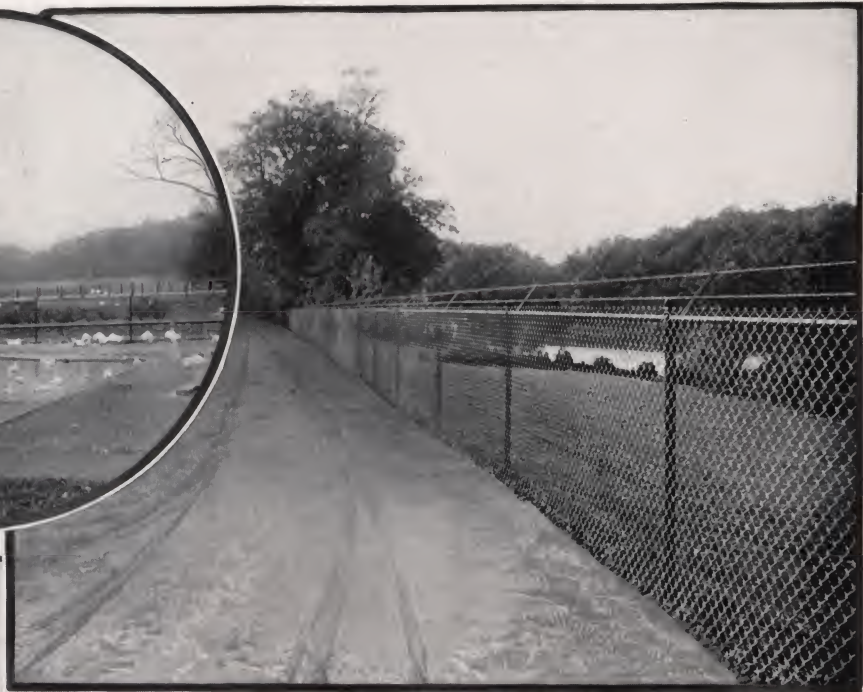




Plate No. 3447. Pipe Fence with Anchor Posts

THIS fence is made of tubular Anchor Posts ($1\frac{7}{8}$ inches outside diameter). The rails, which are of steel tubing ($1\frac{5}{8}$ inches outside diameter), are not screwed to the posts, but are held in place by sockets bolted to the posts. This is a form of construction which is stronger and better than the standard pipe fittings. All parts of the fence are galvanized.

Height Above Ground	Number of Rails	Price per Lineal Foot	Price of End, Corner and Gate Posts	Price of Gates	
		Posts, 8 feet		Single, $3\frac{1}{2}$ Feet	Double, 10-Foot Opening
3 feet 6 inches	3	\$1.15	\$4.25	\$13.00	\$39.00
4 feet	4	1.45	4.50	16.00	45.00

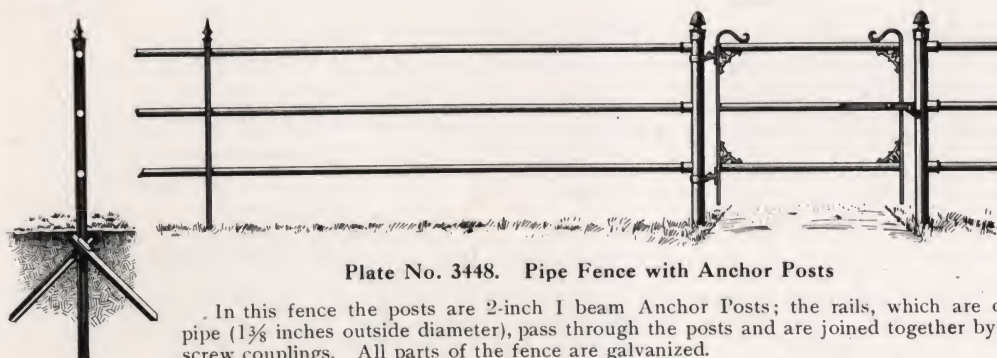


Plate No. 3448. Pipe Fence with Anchor Posts

In this fence the posts are 2-inch I beam Anchor Posts; the rails, which are of 1-inch pipe ($1\frac{3}{8}$ inches outside diameter), pass through the posts and are joined together by standard screw couplings. All parts of the fence are galvanized.

Height Above Ground	Number of Rails	Price per Lineal Foot	Price of End, Corner and Gate Posts	Price of Gates	
		Posts, 8 feet		Single, $3\frac{1}{2}$ Feet	Double, 10-Foot Opening
3 feet	3	\$0.80	\$4.00	\$11.00	\$27.00
3 feet 6 inches	3	.80	4.25	11.00	27.00
4 feet	4	.96	4.50	13.50	34.00

Two-Rail Pipe Fence with Anchor Posts

These posts are of malleable cast iron with drive anchors running parallel to the line of fence. The rails are of 1-inch standard pipe ($1\frac{3}{8}$ inches outside diameter), passing through sockets as shown in the illustration. Price, with posts 8 feet apart, all galvanized, 60 cents per lineal foot; all painted, 48 cents per lineal foot. Malleable Iron Pointed Cresting, drilled so as to bolt to the top rail, can be furnished for any of our pipe fences at slight additional cost.

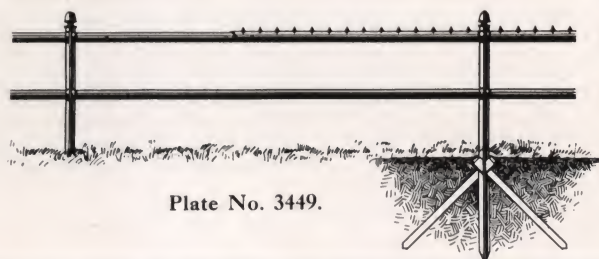


Plate No. 3449.



Tennis Fences



BACK-STOP or enclosure is a necessity for every Tennis Court, but the ordinary kind with wood posts and a cheap sagging netting is at best an unsightly makeshift and also entails a continual expense to keep it in even approximately good condition.

Anchor Post Back Stops and enclosures are designed for this particular service and are permanently efficient and attractive. They are usually built 8 and 10 feet in height, with Anchor Posts, size No. 2; or for heights 12 feet or more, size No. 3. These posts, and in fact every part of the fence and gates, are galvanized by the hot dip spelter process which makes them impervious to rust, both above and below ground.

The Drive Anchorage is of particular value to fences of this character and height, as it holds the posts so firmly that they never shift out of line.

The End, Corner and Gate Posts are extra strong steel tubing, re-enforced by horizontal brace bars as shown in the following illustrations.

The Top Rail is of 1-inch pipe ($1\frac{3}{8}$ inches outside diameter).

The Wire Mesh in our standard Tennis Fences is Hexagonal Netting, $1\frac{1}{4}$ -inch mesh, No. 18 wire, re-enforced by lateral strands of Coiled Spring Wire. Chain Link Netting is sometimes used and makes a very attractive fence for this purpose, as shown in the illustrations on page 17.

These enclosures and back-stops have been installed on hundreds of courts throughout the country. They are permanent investments, lasting year after year—always efficient—always trim in appearance.

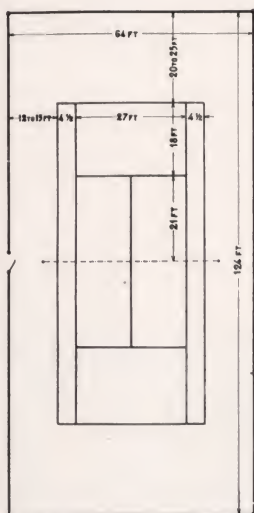


Plate No. 341
Complete Inclosure

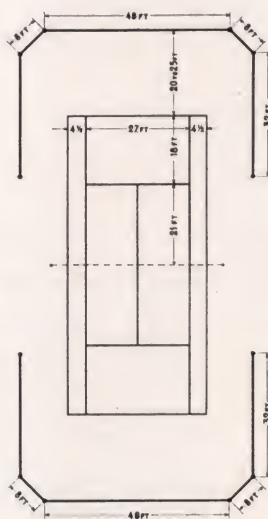


Plate No. 341 A
Half Inclosure

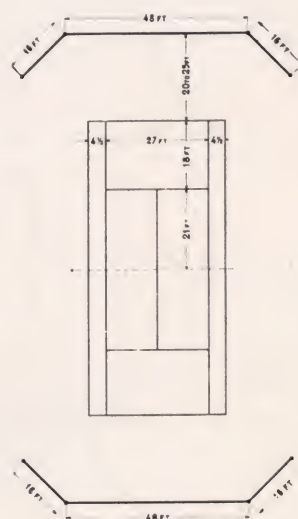


Plate No. 342
Back-Stop

PLANS OF TENNIS COURT FENCES. The dimensions of the fences shown on these plans are approximate only, and can be changed to suit the conditions of individual courts. We do not recommend making the inclosures smaller than those shown. It is a common mistake to place the back-stops or fences too close to the court. Wherever possible, they should be set from 20 to 25 feet back of the service line, and 12 to 15 feet from the side lines.





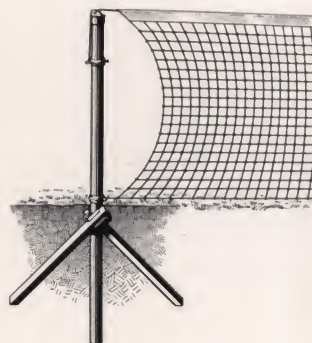
Plate No. 3408. Anchor Post Tennis Back-Stop on Private Court

Price List of Tennis Fences and Gates

Height Above Ground, Feet	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts with Brace	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
8	48-48	\$0.95	\$0.87	\$ 9.00	\$16.00	\$34.00
10	60-60	1.10	1.00	10.00	16.00	40.00

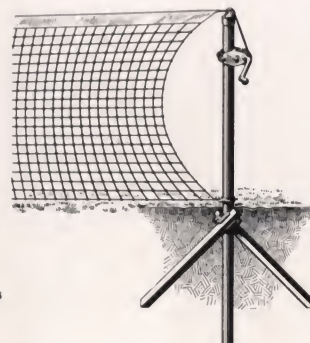
List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.

Anchor Net Posts
No. 18



Anchor Net Posts

Anchor Net Posts
with Ratchet
No. 19



POSTS for tennis nets are made of galvanized steel tubing $2\frac{1}{2}$ inches in diameter. The drive anchors hold them absolutely firm. Post No. 19 is fitted with ratchet for tightening the top rope and with cleat for the bottom rope. The opposite post, No. 18, is fitted with two cleats. All of these attachments are galvanized, as well as the post.

Price per pair (No. 18 and No. 19), ~~\$10.00~~ net (no discount).

\$12.00 net with wheel top



Plate No. 3450. Tennis Enclosure at Thompson, Conn., Chain Link Netting on Anchor Posts
Erected by our Hartford Branch

THE illustrations on this page show a complete inclosure for two courts, in which Chain Link Netting, No. 9 wire, 2-inch mesh, has been used, in place of the ordinary Hexagon Netting. This fabric makes an efficient fence for tennis purposes and is very attractive in appearance as well.

The posts, top rail and gates are the same as those described on the previous pages.

Height Above Ground Feet	Width of Wire Inches	Price per Lineal Foot Posts Spaced 8 Feet	Price of End, Corner and Gate Posts with Brace	Price of Single Gates
		No. 9 Wire		3½ Feet
8	96	\$1.50	\$9.00	\$20.00
10	120	1.78	10.00	20.00
*10	120	1.96	10.00	20.00

*The posts in this fence are size No. 3 (2 x 2½ inches in diameter).



Plate No. 3451. Tennis Inclosure with Chain Link Netting

Complete instructions for setting up our tennis fences, together with blueprint plan showing location of posts and all details, are furnished with each order. Any intelligent mechanic following these instructions can set the fence. If desired, however, we will furnish our own men to do this work at the lowest possible charge.

In connection with the tennis court, an arbor, pergola, or tea-house is often built where guests and spectators may watch the play. We have equipped a number of courts in this way, and are prepared to furnish special designs showing the possibilities of this very attractive feature.



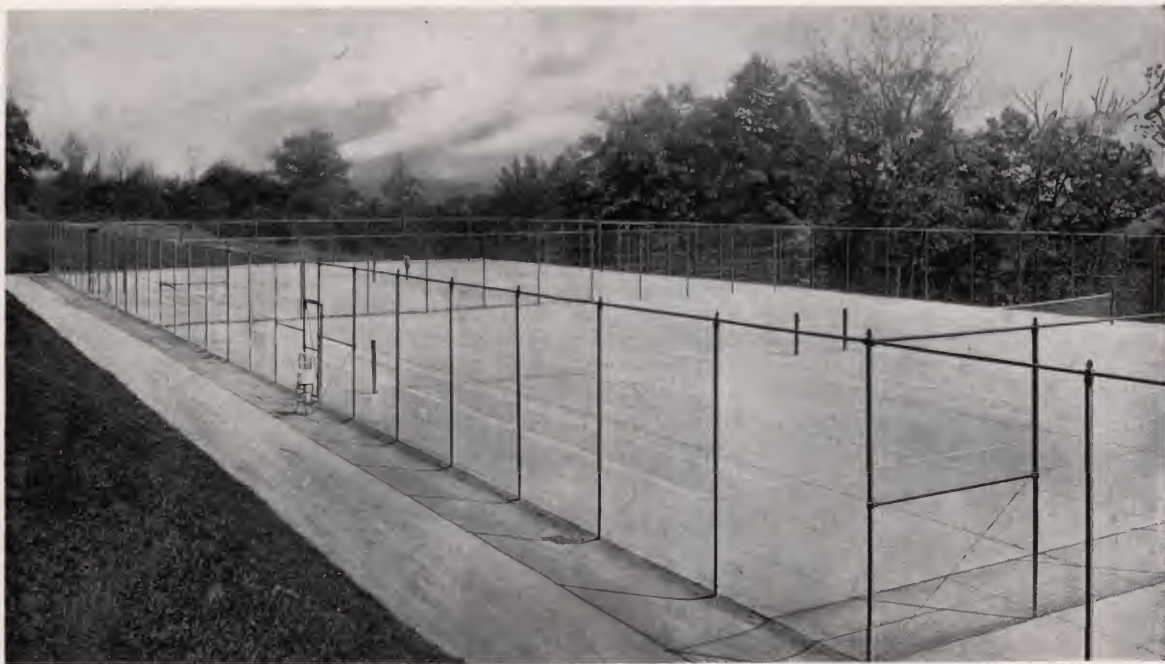


Plate No. 3395. An equipment of Tennis Fences for six courts of the Greenwich Country Club, Greenwich, Conn.

Anchor Post Fences are recognized as the standard inclosure for club courts. A partial list of prominent clubs using them is given below.

Apawamis Club	Rye, N. Y.
Ardsley Club	Ardsley-on-Hudson, N. Y.
Belle Terre Estates	Port Jefferson, N. Y.
Farmington Country Club	Farmington, Conn.
Field Club	Greenwich, Conn.
Fairfield County Golf Club	Greenwich, Conn.
Greenwich Country Club	Greenwich, Conn.
Halloween Park	Stamford, Conn.
Hartford Golf Club	Hartford, Conn.
Huntington Country Club	Huntington, N. Y.
Hunt Club	Plainfield, N. J.
Indian Village Club	Detroit, Mich.

Knickerbocker Field Club	Brooklyn, N. Y.
Nassau Country Club	Glen Cove, L. I.
Piping Rock Country Club	Locust Valley, N. Y.
Rhode Island Country Club	Nayatt, R. I.
Rumson Country Club	Rumson, N. J.
Sleepy Hollow Club	Scarboro, N. Y.
Somerville Country Club	Somerville, N. J.
Scarsdale Estates	Hartsdale, N. Y.
Tedesco Country Club	Swampscott, Mass.
West Side Park	Jersey City, N. J.
Williams College	Williamstown, Mass.
Washington Club	Washington, Conn.

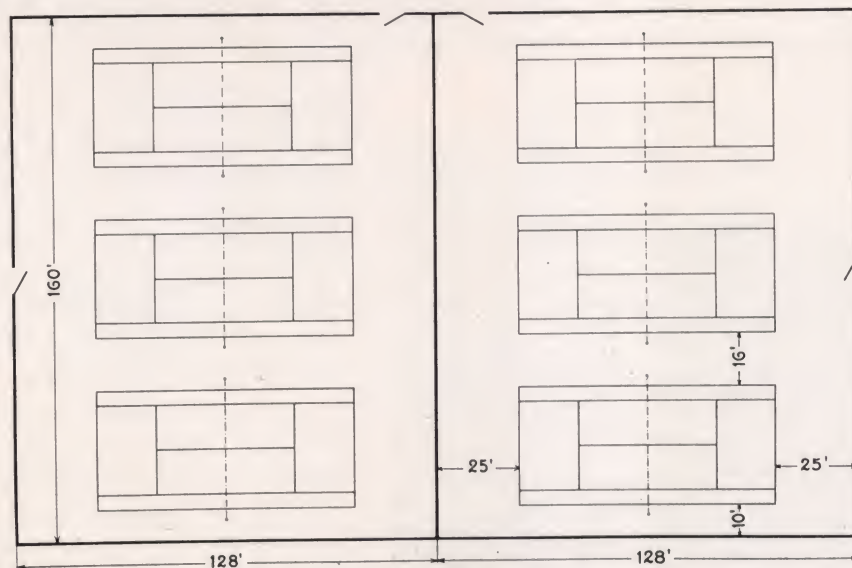


Plate No. 3452. Plan of Club Inclosure for six courts with approximate dimensions

This plan shows a typical arrangement of club courts, which of course can be varied as to number and arrangement, to suit particular conditions.



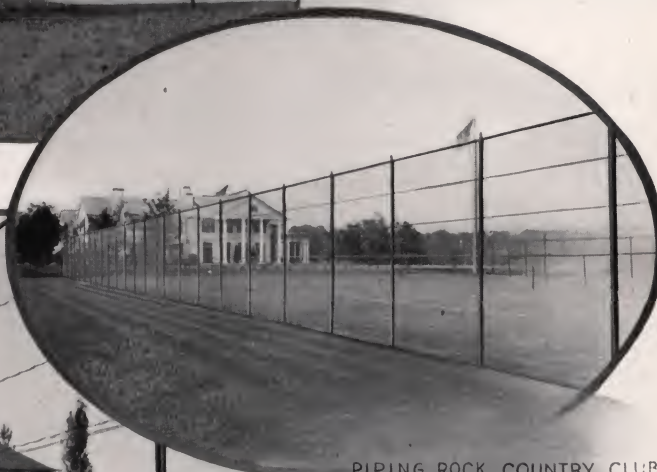
ARDSLEY CLUB

ARDSLEY ON HUDSON, N.Y.



TEDESCO COUNTRY CLUB

SWAMPSCOTT, MASS.



PIPING ROCK COUNTRY CLUB

LOCUST VALLEY, NEW YORK



HARTFORD GOLF CLUB

HARTFORD, CONN.



RUMSON COUNTRY CLUB

RUMSON, N. J.





Plate No. 3410. Chain Link Fence surrounding Public Playground, Greenwich, Conn.

FOR playgrounds, athletic fields, parks, fair grounds, aviation fields, etc., there is no style of fence that is superior to Chain Link Woven Steel. These fences can be made in any height up to 12 feet. They are practically indestructible and unclimbable. The posts are galvanized Anchor Posts, size No. 2 or No. 3; the Chain Link Fabric is the same as described in section two of this catalogue, and is made of No. 9, No. 6 or No. 4 galvanized wire, and painted one coat before shipment.



Plate No. 3457. Baseball Back-Stop, 12 feet in height

THESE back-stops are 48 feet in length and 12 feet in height. The top and center rail is of 1 1/4-inch galvanized pipe (1 5/8 inches outside diameter). The end and the two center posts at the angles are 3 inches in diameter. The intermediate posts are Anchor Posts, size No. 3. The fabric is Chain Link Woven Steel, No. 6 gauge. No matter how swiftly thrown, the balls cannot injure or dent the wire.



Unclimbable Fences for Factories, Railroads, Parks, Etc.



IN this section are illustrated unclimbable fences of several kinds, including those of our Chain Link Woven Steel, the strongest and heaviest fence material made. It is woven of the best quality galvanized steel wire of any desired gauge from No. 9 up to No. 4, and in any width up to twelve feet. The mesh is so small that it is impossible to climb the fence.

For enclosing factory grounds, freight yards, etc., an Anchor Post Fence has many advantages over one built of boards or of ordinary wire netting. While the initial cost may be a little higher, its long life and freedom from up-keep expense make its use an economy in the end.

Security

Anchor Post Fences afford protection for the factory grounds that can be obtained in no other way. They are unclimbable and practically indestructible; keep out the undesirable idlers and petty thieves, and make the yard a safe place for the storage of material. They also keep the coming and going of employees under the Manager's control.

Durability

The post is the important feature of any fence. Anchor Posts are U-bars of high carbon steel and, together with all other parts, are heavily galvanized above and below ground, effectively preventing rust and insuring long service. The posts are driven into the ground and are held rigidly erect by two anchor stakes driven through slots clamped to opposite sides of the posts. Anchor Posts erected twenty years ago are still in good condition.

Trimness

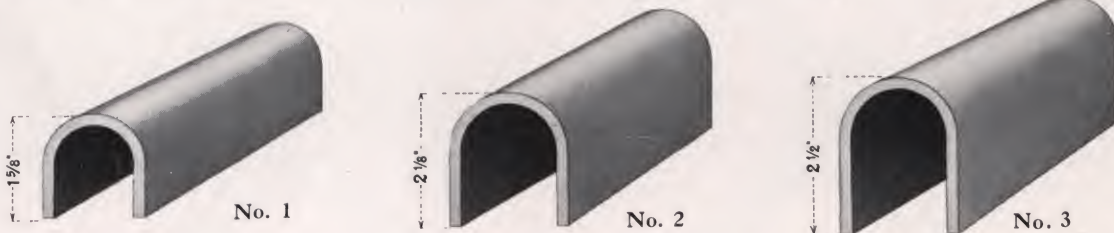
Anchor Post Fences add to the appearance of any plant. They do not shut out light or air, and are a constant incentive to keep the grounds in order. Unlike board fences, they provide no convenient place for dumping rubbish, and also keep in alignment.

Erected by Experienced Men

We have been building fences for over twenty years. We have a large force of erectors under the supervision of our home office (or the nearest branch office), trained to set our work as we think it ought to be set.

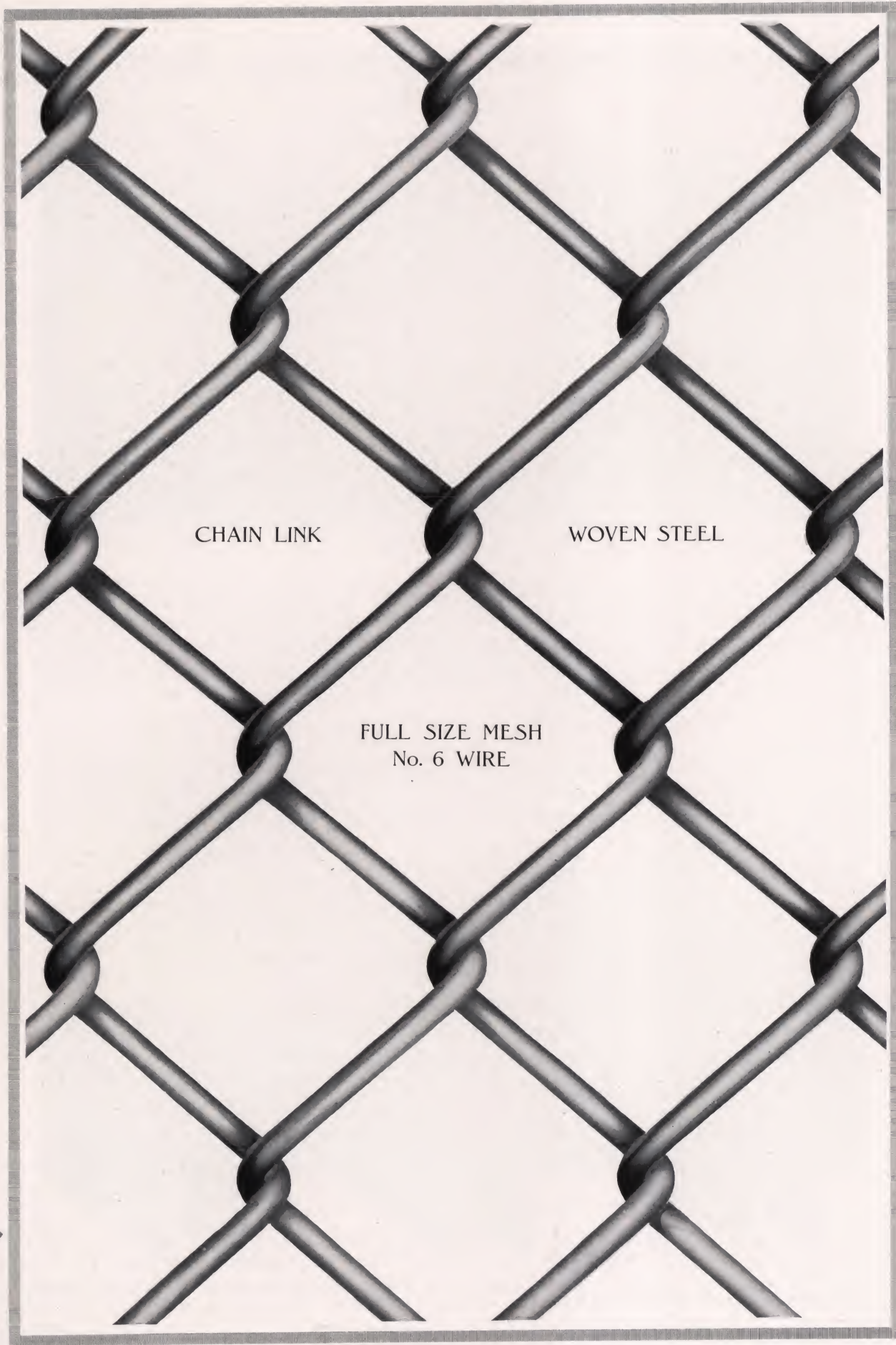
Prices

The prices given in the tables are for the fence by the running foot, and include the line posts, wire, top rail, and everything complete, with the exception of the straining posts and gates, which are quoted extra. The list prices are for material only, and are subject to a discount. Prices, including the cost of erecting, quoted on application.



The above illustrations show the shape and dimensions of our standard U-bar Anchor Posts. In the price list tables these several sizes are referred to by their respective numbers.





CHAIN LINK

WOVEN STEEL

FULL SIZE MESH
No. 6 WIRE





Plate No. 3421. Chain Link Woven Steel Fence on Anchor Posts, erected by our Boston Branch for the Morley Button Company, Portsmouth, N. H.

ON page 29 are shown a few examples of difficult and unusual fence construction. Whatever the nature of your particular problem may be, our engineering and erecting service will find a way to solve it. Our experience in building fences for hundreds of manufacturing plants may be of value in your case.



Plate No. 3430. Chain Link Woven Steel Fence, 9 feet high on Anchor Posts, Size No. 3, erected at Pawtucket, R. I.





Plate No. 3431. Chain Link Woven Steel Fence, surrounding the plant of the Montreal Locomotive Works, Ltd., of Montreal, Canada

THIS fence is 7 feet in height and 7,100 feet in length. The illustration shows one of the heavy corner posts with its truss brace used in all our Chain Link Fences. The entire fence, including ten gates, was set by the Locomotive Company's own men, who had no previous experience in building fences of this kind.

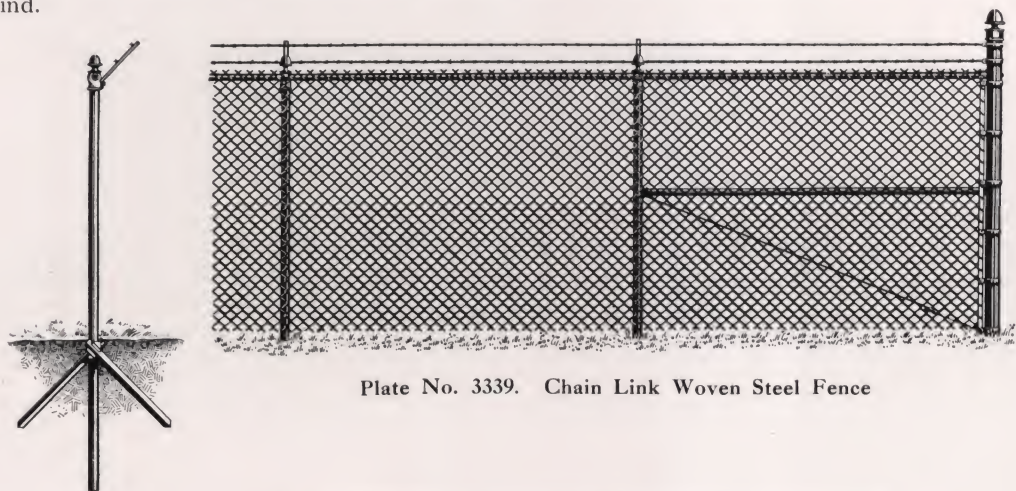


Plate No. 3339. Chain Link Woven Steel Fence

Height Above Ground, Including Arm Feet	Width of Wire Inches	Price per Lineal Foot Posts Spaced 8 Feet			Price of End and Corner Posts with Brace	Price of Gate Posts with Brace	Price of Single Gates 4 Feet	Price of Double Gates	
		No. 9 Wire	No. 6 Wire	No. 4 Wire				12 Feet	14 Feet
6	60	\$1.12	\$1.32	\$1.52	\$10.50	\$13.00	\$23.00	\$55.00	\$60.00
7	72	1.26	1.50	1.74	11.25	14.00	25.00	60.00	65.00
8	84	1.40	1.68	1.96	12.00	15.00	27.00	65.00	71.00
*8	84	1.58	1.86	2.14	12.00	15.00	27.00	65.00	71.00
*10	108	1.86	2.22	2.58	13.50	17.00	31.00	75.00	82.00

*The posts in these fences are size No. 3 (2 x 2½ inches in diameter).





Plate No. 3404. Chain Link Woven Steel Fence, 10 feet in height, at the plant of the Rome Brass and Copper Co., Rome, N. Y.

IN this fence the top rail is omitted and a strand of heavy coiled spring wire is furnished at the top and bottom of the fence, to which the Chain Link Fabric is fastened. On account of its structure Chain Link Fabric is self-sustaining and will not sag, even when it is stretched with but moderate tension. When tightly stretched it is capable of carrying very great weight. For fences 8 feet in height and higher, we recommend Galvanized Anchor Posts, size No. 3 (2 x 2½ inches in diameter).

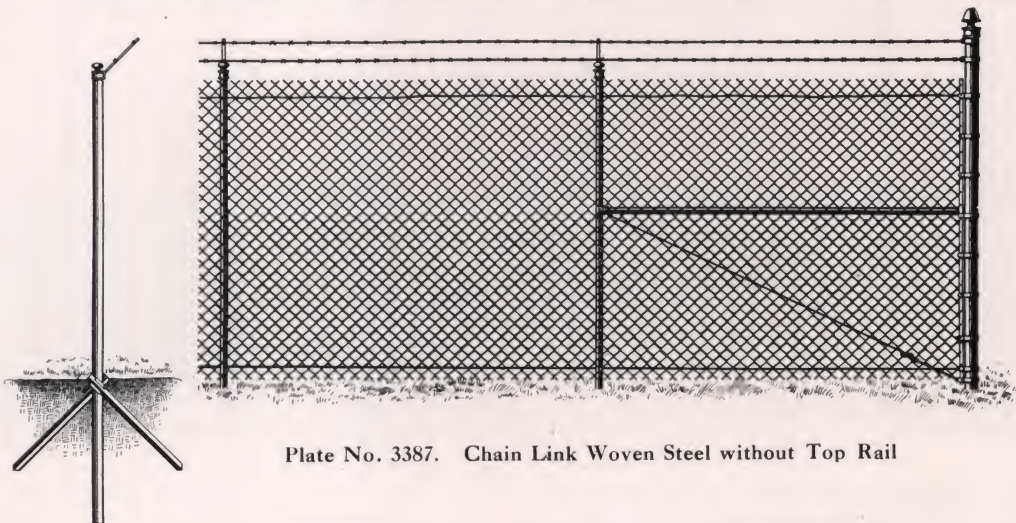


Plate No. 3387. Chain Link Woven Steel without Top Rail

Height Above Ground, Including Arm Feet	Width of Wire Inches	Price per Lineal Foot Posts Spaced 8 Feet			Price of End and Corner Posts with Brace	Price of Gate Posts with Brace	Price of Single Gates	Price of Double Gates	
		No. 9 Wire	No. 6 Wire	No. 4 Wire			4 Feet	12 Feet	14 Feet
6	60	\$0.96	\$1.16	\$1.36	\$10.50	\$13.00	\$23.00	\$55.00	\$60.00
7	72	1.10	1.34	1.58	11.25	14.00	25.00	60.00	65.00
8	84	1.24	1.52	1.80	12.00	15.00	27.00	65.00	71.00
*8	84	1.42	1.70	1.98	12.00	15.00	27.00	65.00	71.00
*10	108	1.70	2.06	2.42	13.50	17.00	31.00	75.00	82.00

*The posts in these fences are size No. 3 (2 x 2½ inches in diameter).

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.





Plate No. 3420. 14-Foot Sliding Gate at the property of the Empire State Dairy, Brooklyn, N. Y.

IN many places where space is restricted, it is advisable to use a Sliding Gate. These gates are hung on anti-friction bearings running on a track bolted to the top of the gate posts. At the bottom, the gate slides in a grooved guide and locks into keepers on the latch post. The Posts are galvanized pipe, 4 inches in diameter, set in concrete. The height under track of standard sliding gates is 11 feet 6 inches. The framework of the gate is filled with the same fabric as in the fence.

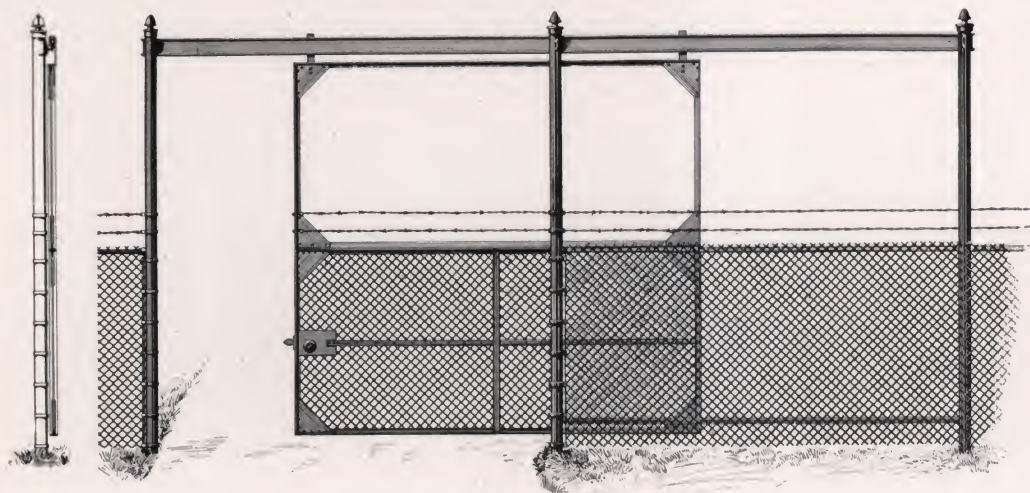


Plate No. 3432. Chain Link Sliding Gate

Height of Fence Feet	Height Under Track	Width of Gate or Opening				
		6 Feet	8 Feet	10 Feet	12 Feet	14 Feet
6	11 feet 6 inches	\$141.00	\$152.00	\$163.00	\$174.00	\$185.00
7	11 feet 6 inches	144.00	155.00	167.00	178.50	190.00
8	11 feet 6 inches	147.00	158.50	171.00	183.00	195.00
9	11 feet 6 inches	150.00	162.00	175.00	187.50	200.00
10	11 feet 6 inches	153.00	165.50	179.00	192.00	205.00

Prices of gates given in this table include the three gate posts, overhead track and all fittings. The gate and posts are galvanized throughout; the overhead track is painted (not galvanized).



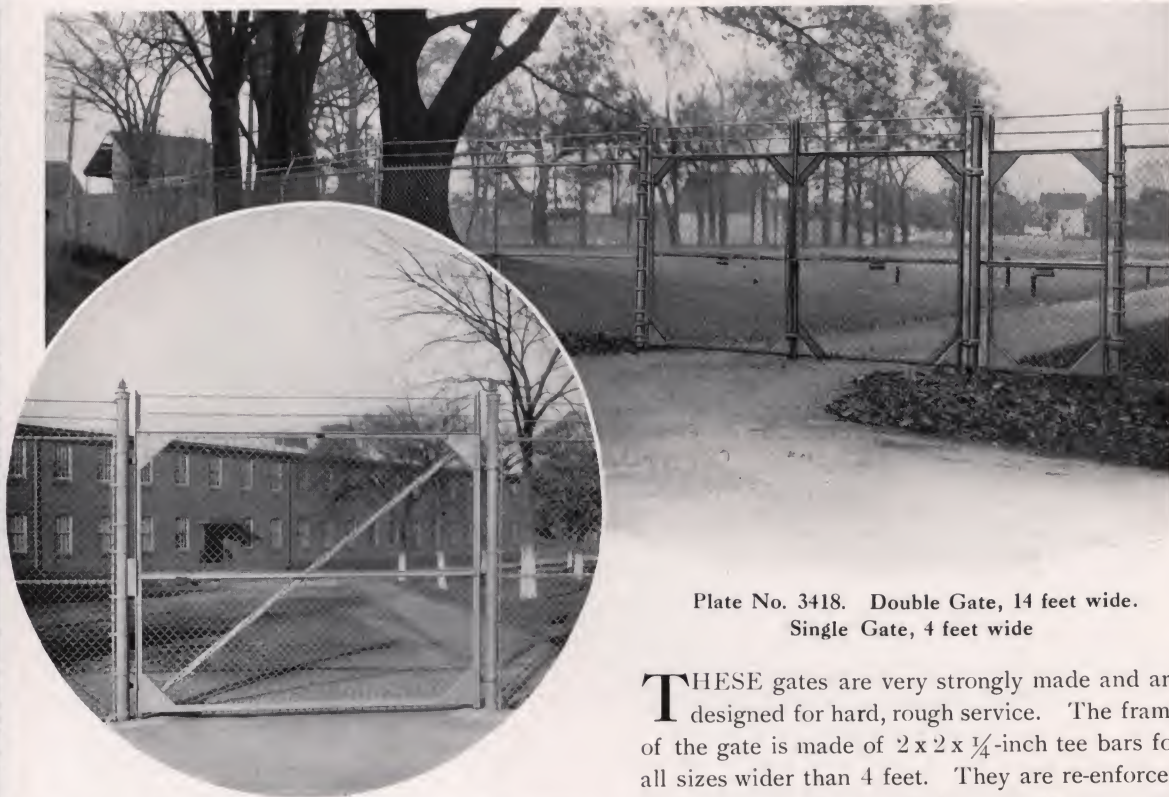


Plate No. 3419. Single Chain Link Gate, 10 feet wide, for driveway

Plate No. 3418. Double Gate, 14 feet wide.
Single Gate, 4 feet wide

THESE gates are very strongly made and are designed for hard, rough service. The frame of the gate is made of 2 x 2 x $\frac{1}{4}$ -inch tee bars for all sizes wider than 4 feet. They are re-enforced in the corner with wrought iron gusset plates; the hinges are heavy malleable iron castings and are adjustable.

The Double Gates are locked in the center by a swivel bar held in position by a padlock when the gate is closed, and they are also held by means of a drop-bolt engaging in a cast-iron block set in the center of the roadway. The filling of the gate frame is of the same fabric as in the fence proper.

For Drive-Gates, we recommend a width of 10 or 12 feet; for railroad sidings the width should be 14 feet, where the gate is set square across the track. If the fence line or gate intersects the track at an angle, a width of 16 feet, or, in some cases, even more, will be found necessary.

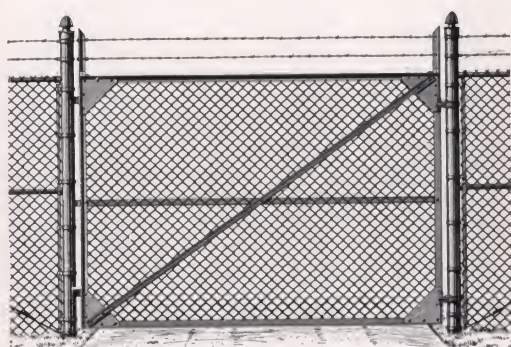


Plate No. 3434. Single Chain Link Gate for Driveways

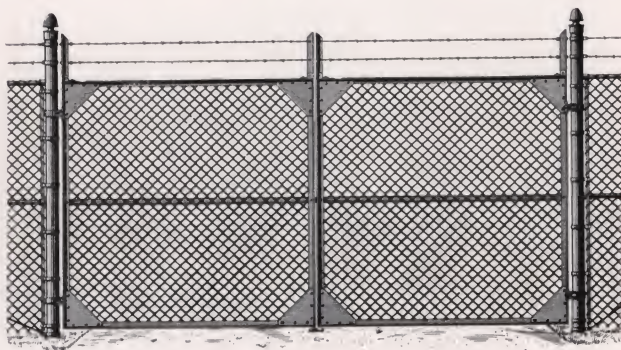


Plate No. 3433. Double Chain Link Gate for Driveways and Railroad Sidings

Height Feet	Price of Single Gates				Price of Double Gates			
	4 Feet Wide	6 Feet Wide	8 Feet Wide	10 Feet Wide	10 Feet Wide	12 Feet Wide	14 Feet Wide	16 Feet Wide
6	\$23.00	\$28.00	\$34.00	\$39.00	\$50.00	\$55.00	\$60.00	\$68.00
7	25.00	30.50	37.00	42.50	55.00	60.00	65.00	74.00
8	27.00	33.00	40.00	46.00	60.00	65.00	71.00	80.00
9	29.00	35.50	43.00	49.50	65.00	70.00	76.00	86.00
10	31.00	38.00	46.00	53.00	70.00	75.00	82.00	92.00

The prices given in the tables are for the gates, exclusive of posts, and are subject to discount.



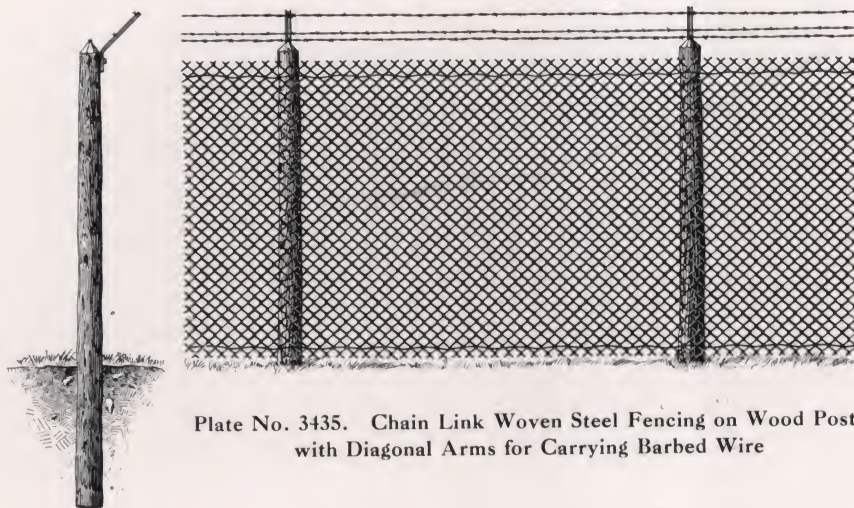


Plate No. 3435. Chain Link Woven Steel Fencing on Wood Posts with Diagonal Arms for Carrying Barbed Wire

WE recommend Anchor Posts wherever it is possible to use them, yet, in some instances, we have been called upon to furnish our chain link fabric by the lineal foot, ready for the purchaser to erect. Price lists of this material are given below.

Chain Link Woven Steel is the strongest and heaviest fence material made. It is woven of the best quality galvanized wire of any desired gauge from No. 11 up to No. 4, and in any width up to 10 feet. The mesh is so small that it is impossible to climb the fence. The upper edge presents a series of sharp points like the teeth of a saw. Above this are placed two or more strands of thick-set barbed wire.

The Chain Link Fabric is furnished in rolls or bales, containing approximately 50 lineal feet to the bale.

In using the fabric in a fence the necessary number of bales of netting are rolled out on the ground and the ends joined together, by untwisting one of the wire strands and twisting it back again, so as to join the two ends of the fabric, thus making a continuous piece or length for the whole required distance. In other words, the finished fence is a continuous stretch of fabric without showing a splice or join in any portion of it.

For uneven ground, where the grade exceeds ten per cent, we furnish short sections of the fabric woven narrow at one end, and wide at the other. These fan-shaped sections can be spliced into the fabric at any required point as the fence is being put up. The direction or grade is thus turned up hill or down as desired.

The price lists given on this page are for the fabric only and do not include the top and bottom re-enforcing cables. The arms, cables and barbed wire are priced separately, as given below.

Galvanized Arms for two or more strands of Barbed Wire, including lag-bolt, price, each . . . 24 cents.

Thick-Set Barbed Wire (11 feet to the pound), price, per pound

No. 6 Coiled Spring Wire (10 feet to the pound), price, per pound

List Prices per lineal foot, Chain Link Woven Steel Netting

Size of Wire No.	Size of Mesh Inches	Width in Inches					
		48	60	72	84	96	120
11	2	\$0.28	\$0.35	\$0.42	\$0.49		
9	2	.36	.45	.54	.63	\$0.72	\$0.90
6	2	.52	.65	.78	.91	1.04	1.30
4	2	.68	.85	1.02	1.19	1.36	1.70





CENTRAL HUDSON GAS & ELECTRIC CO.
POUGHKEEPSIE, N. Y.



PIERCE BROTHERS, LTD.
NEW BEDFORD, MASS.



ALGONQUIN PRINTING CO.
FALL RIVER, MASS.



GENERAL ELECTRIC CO.
SCHENECTADY, N. Y.





Plate No. 3436. Woven Picket Fence, 8 Feet in Height

THIS fence is made of steel wires or pickets woven together by double-strand cables. The space between the pickets is $1\frac{3}{4}$ inches. The cables are 6 inches apart with an extra strand at the top. This fence is made in two weights. The pickets are of No. 9 wire in the lighter, and of No. 7 in the heavier. The size of mesh and the cables are the same in both. The posts are Galvanized Anchor Posts, size No. 2. It is a strong, unclimbable fence suitable for factory or general use.

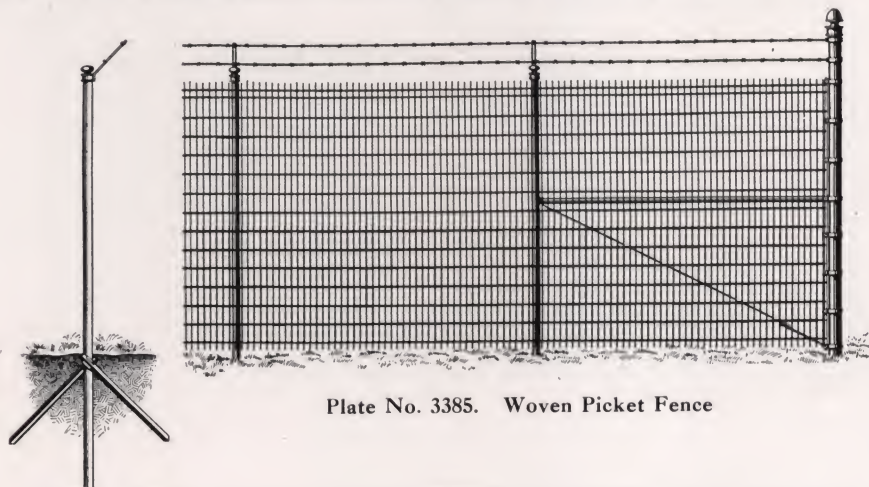


Plate No. 3385. Woven Picket Fence

Height Above Ground, Includ- ing Arm Feet	Width of Netting Inches	Price per Lineal Foot Posts Spaced 8 Feet		Price of End and Corner Posts with Brace	Price of Gate Posts with Brace	Price of Single Gate	Price of Double Gate $1\frac{3}{4}$ -Inch Tee Frame	
		No. 9 Pickets	No. 7 Pickets				4 Feet	12 Feet
6	56	\$0.71	\$0.76	\$8.80	\$10.50	\$18.00	\$43.00	\$47.00
7	68	.85	.90	9.40	11.25	19.50	46.00	50.00
8	80	.98	1.04	10.00	12.00	21.00	49.00	53.00

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.





Plate No. 3437. Close Mesh Netting Fence at Private Estate, Stamford, Conn.

THE posts in this fence are Anchor Posts, size No. 2. The netting is $1\frac{1}{4}$ -inch mesh, No. 16 wire, galvanized after weaving. Attached to the posts are seven strands of Coiled Spring Wires, to which the netting is fastened, and which give additional strength to the fence. On the top arms two or more strands of thick-set barbed wire are attached. This fence is unclimbable and practically indestructible.

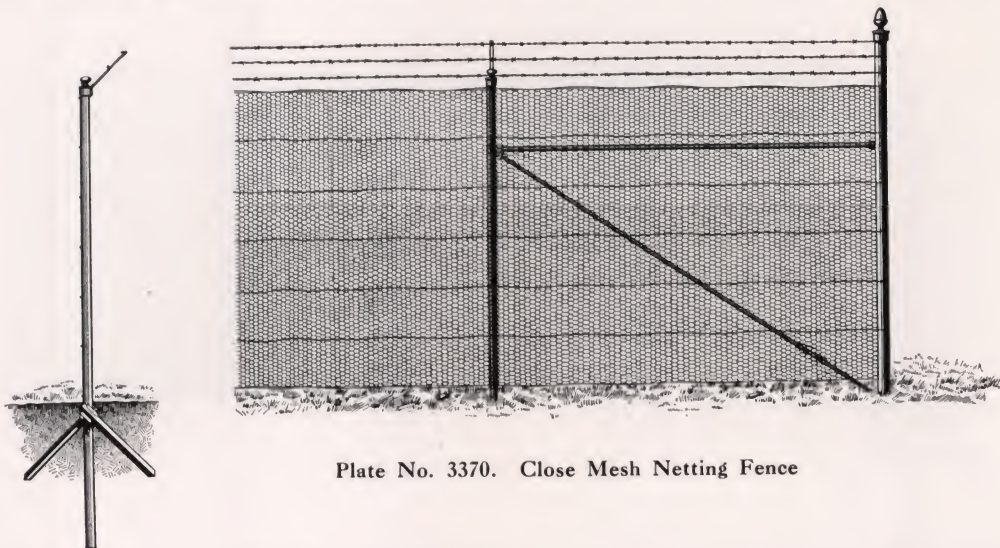


Plate No. 3370. Close Mesh Netting Fence

Height Above Ground, Includ- ing Arm Feet	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End and Corner Posts with Brace	Price of Gate Posts with Brace	Price of Single Gates 4 Feet	Price of Double Gates $1\frac{1}{4}$ -Inch Tee Frame	
		8 Feet	10 Feet				12 Feet	14 Feet
6	60	\$0.70	\$0.63	\$8.80	\$10.50	\$18.00	\$43.00	\$47.00
7	72	.80	.72	9.40	11.25	19.50	46.00	50.00
8	42-42	.90	.82	10.00	12.00	21.00	49.00	53.00

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.





Plate No. 3440. Triangular Mesh Fence, 8 feet in height, New York, Westchester & Boston Railroad

THIS photograph shows a part of 23,000 feet of Triangular Mesh Fence on Galvanized Anchor Posts, built by us for the New York, Westchester & Boston Railroad. On this road electric trains are run at frequent intervals. The officials of the road realized that in order to operate in safety to the public, it would be necessary to put up a fence that would keep everyone, children in particular, off the tracks. Their engineers, after a very thorough investigation, reported in favor of Galvanized Anchor Posts and Triangular Mesh Fabric; other fences, cheaper in first cost, were rejected, because they did not possess the strength and durability that is the main characteristic of Anchor Post construction.

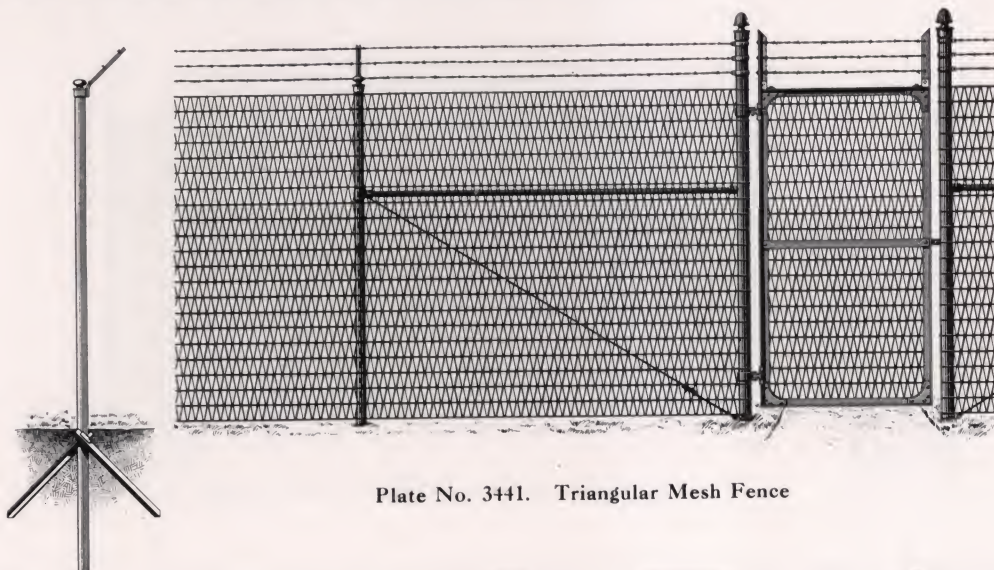


Plate No. 3441. Triangular Mesh Fence

Height Above Ground, Includ- ing Arm Feet	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End and Corner Posts with Brace	Price of Gate Posts with Brace	Price of Single Gates		Price of Double Gates 1½-Inch Tee Frame	
		8 Feet	10 Feet			4 Feet	12 Feet	14 Feet	
6	58	\$0.66	\$0.59	\$8.80	\$10.50	\$18.00	\$43.00	\$47.00	
7	34-34	.76	.68	9.40	11.25	19.50	46.00	50.00	
8	42-42	.86	.78	10.00	12.00	21.00	49.00	53.00	

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.



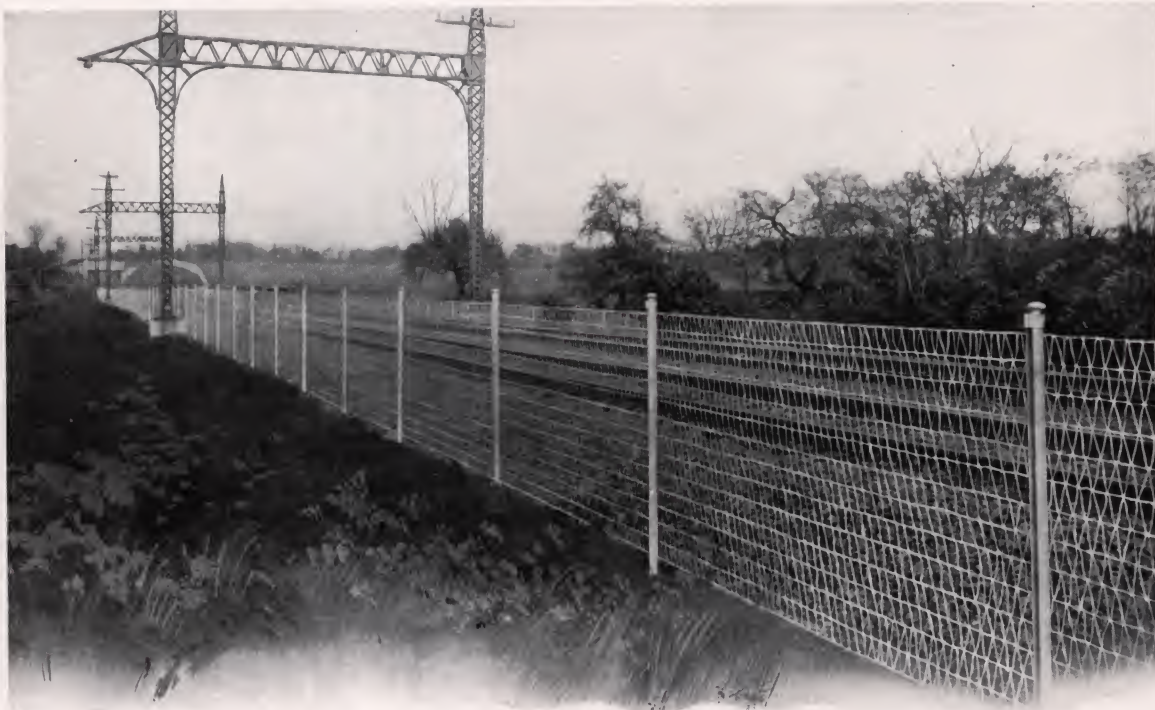


Plate No. 3438. Triangular Mesh Fence 5 Feet in Height, New York, Westchester & Boston Railroad

ON this railroad, in addition to the 8-foot fence, described on the opposite page, we also installed 67,000 feet of the same type of fence 5 feet in height on Anchor Posts, size No. 2. On account of the close mesh of the wire, this fence, although lower in height, is practically unclimbable. The fabric is protected by a special galvanizing process which makes it much more durable than ordinary wire. The galvanizing on the posts is the hot dip spelter process, which insures a life to the posts of 20 years or more.

For a railroad company, or manufacturing corporation, the low maintenance cost of fences of this character more than offsets the interest charges on the original investment. In other words, a good fence is the cheapest in the long run.

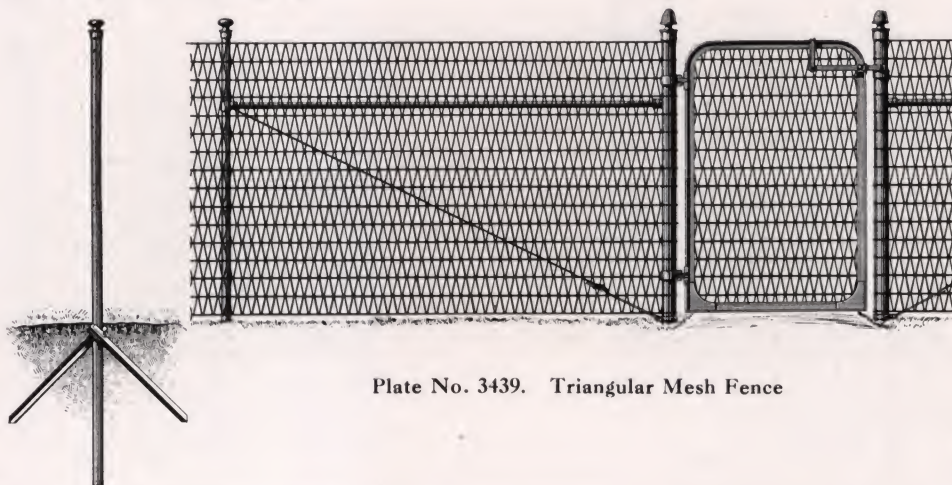


Plate No. 3439. Triangular Mesh Fence

Height Above Ground, Including Arm	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts with Brace	Price of Gates 1½-Inch Tee Frame	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
4 feet 4 inches	50	\$0.56	\$0.50	\$7.75	\$8.75	\$21.50
5 feet 0 inches	58	.62	.55	8.20	9.75	24.00
5 feet 10 inches	34-34	.72	.64	8.80	11.50	28.00

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.



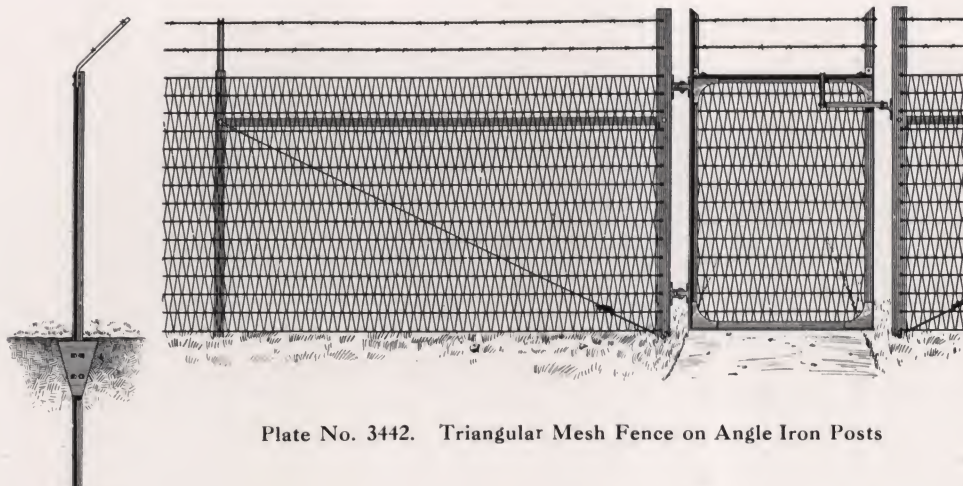


Plate No. 3442. Triangular Mesh Fence on Angle Iron Posts

WHILE we always recommend the use of Galvanized Anchor Posts on account of their firmness in the ground and long life, there are cases where a cheaper fence is desirable. For a good substantial fence of moderate price, we recommend the combination of Triangular Mesh Netting with posts of angle iron with plate anchor as shown in this illustration. The posts are 2 x 2 x $\frac{3}{16}$ -inch angles of high carbon steel and are driven in the ground to a depth of 2 feet 6 inches to 3 feet; they are equipped with diagonal arms on the top to receive two or more strands of Barbed Wire. The Triangular Mesh Netting is made of two-ply cables 4 inches apart; the upright wires are 2 inches on centers; the size of the wire for cables and uprights, No. 12 $\frac{1}{2}$.

Height Above Ground, Including Arm Feet	Width of Wire Inches	Price per Lineal Foot Posts Spaced		Price of End and Gate Posts with Brace	Price of Single Gates	Price of Double Gates 1 $\frac{1}{4}$ -Inch Tee Frame, Painted	
		8 Feet	10 Feet		4 Feet	10 Feet	12 Feet
6	58	\$0.47	\$0.43	\$6.30	\$15.25	\$34.00	\$37.00
7	34-34	.55	.51	6.70	16.50	36.50	39.50
8	42-42	.63	.58	7.10	17.75	39.00	42.00



Plate No. 4529. Terminal Fan Guard for Wrought Iron Railing

These fan guards are made of round pickets varying in size from $\frac{5}{8}$ inch to 1 inch; the size of the guard depending on the height of the railing.

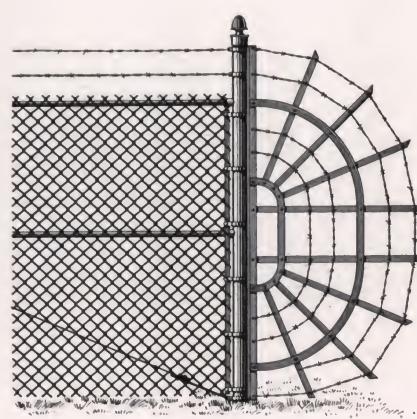


Plate No. 3456. Terminal Fan Guard for Wire Fence

These fan guards are constructed with angle iron frames on which are run a series of strands of barbed wire as shown. Height and width of guard is made to conform to the height of fence.





Plate No. 4460. Wrought Iron Window Guard

THESE guards are usually made with round bars from $\frac{5}{8}$ inch up to 1 inch in diameter; the rails are $\frac{1}{2} \times 1\frac{1}{2}$ inch or heavier, and can be furnished with the ends of the rails long for setting into the wall of the building, or bent down so as to screw to the wood frame of the window casing.

In writing for price give width and height of window openings and state method of fastening preferred.

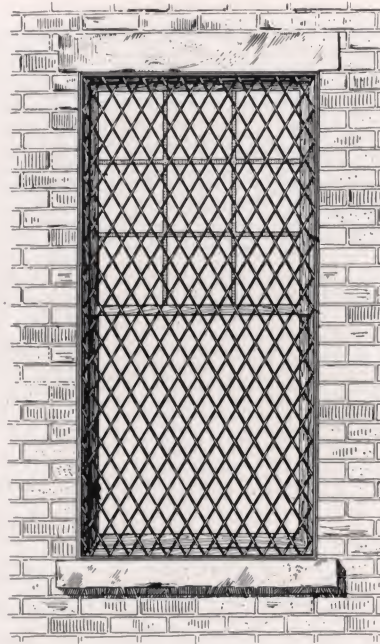


Plate No. 3453. Wire Window Guard

THESE window guards are made in two types of construction, as shown by the details below.

In ordering, state size of mesh, number of wire and whether channel or round frame is preferred.

The guards with channel frames are usually screwed to the edge of the window casing.

The guards with round frames are bolted or screwed to the outside face of the window casing.

In placing order give accurate measurements and state whether round or channel framing is desired.



Plate No. 3454. Detailed Construction of Wire Window Guard with Channel Frame

Frame, $\frac{3}{4}$ -Inch Channel

Size of Mesh Inches	Regular	Heavy	Extra Heavy
	No. of Wire	No. of Wire	No. of Wire
$\frac{3}{4}$	15	14	12
1	14	13	10
$1\frac{1}{4}$	12	11	9
$1\frac{1}{2}$	11	10	8
2	9	8	6

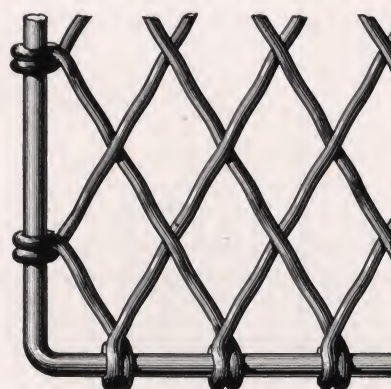


Plate No. 3455. Detailed Construction of Wire Window Guard with Round Frame

Frame, $\frac{5}{16}$ Inch Round

Size of Mesh Inches	Regular	Heavy	Extra Heavy
	No. of Wire	No. of Wire	No. of Wire
$\frac{3}{4}$	15	14	12
1	14	13	10
$1\frac{1}{4}$	12	11	9
$1\frac{1}{2}$	11	10	8
2	9	8	6

Guards can be furnished painted or galvanized and with heavier framing if desired.



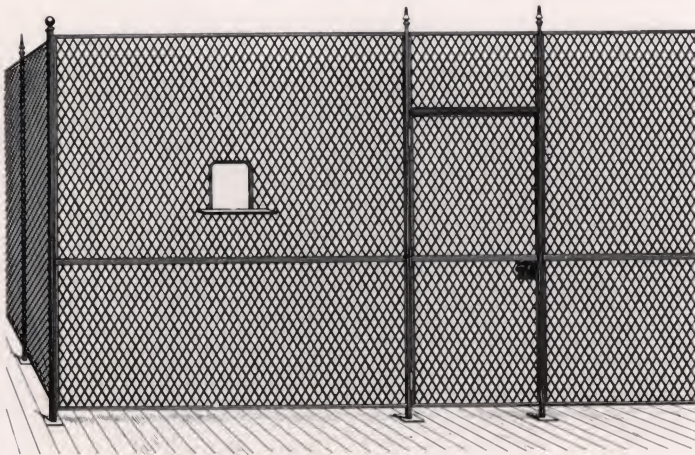


Plate No. 3458. Tool Room or Store House Partitions

THESE screens are made of diamond wire work with channel iron framing. The size of mesh is usually 2 or 2½ inches of No. 9 or No. 8 wire.

The general dimension of the screens varies according to location and use. In many cases it is of advantage to run the posts or intermediate supports from floor to ceiling. The wire partition between the support can be made of any desired height.

FOLDING gates of this style are made of channel iron members from ⅝ to 1¼ inches wide, depending upon the size and height of the gates required. They are equipped with roller wheels on the bottom, latches and padlocks.

In writing for estimates, state width of opening, height of gate required and whether they are to be fastened to wood, stone or iron supports.

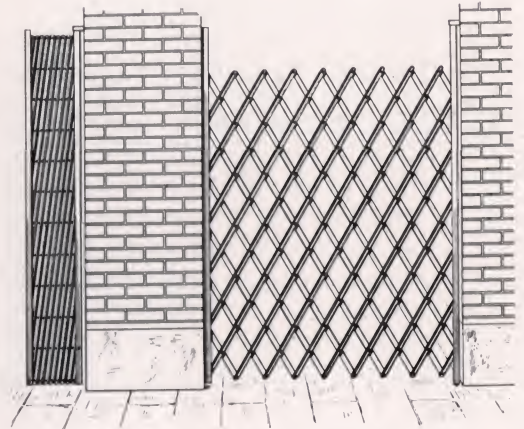


Plate No. 4532. Folding Gates for Factories, Public Buildings, Railroad Stations, Etc.

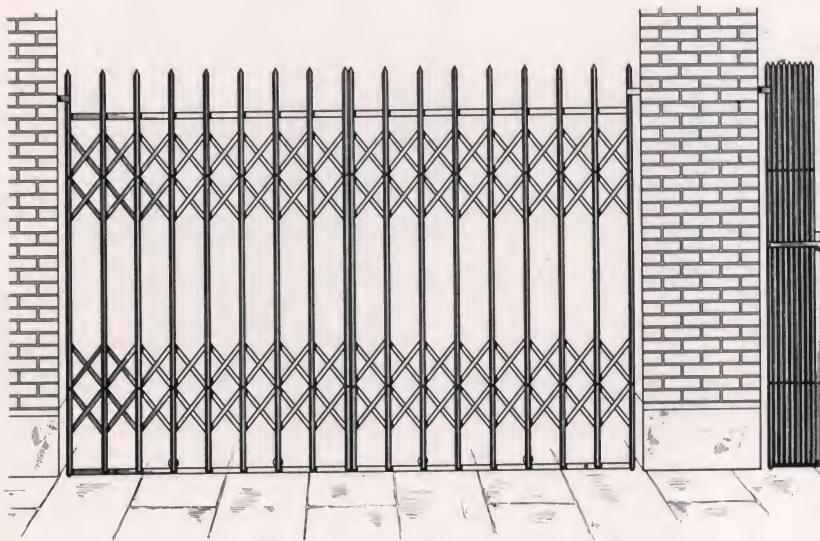


Plate No. 4533. Folding Gates—Bostwick Pattern

THESE gates are equipped with movable tracks on the bottom and an adjustable latch bar at the back of the gate. This bar is held in position when the gate is closed, by a padlock. The upright members are made of two bars of channel iron between which the levers operate. These channels are from ⅝ to 1¼ inches wide, depending upon the size of the gates.





Plate No. 4485. Iron Railing on Concrete Wall at the plant of The General Electric Company, Schenectady, N. Y.

In addition to this railing, we have built over 22,000 feet of our Chain Link Fencing for The General Electric Company at their Schenectady and Pittsfield plants.

Iron Railings and Gates for Railroads and Industrial Plants

FOR city work in particular many manufacturers prefer high iron railings to any other form of fencing, on account of their more attractive and substantial appearance. These railings may be of the very simplest character or ornamental to any degree desired. On this and succeeding pages, we have illustrated several styles of railings as well as a number of methods for setting them.

Railings may be built on a concrete or stone wall, on cast-iron bases imbedded in the ground, as shown on page 40, or on Anchor Posts, as shown on pages 38 and 39.

On account of its strength, economy in manufacture and setting, our standard Anchor Post construction has many advantages over other methods of railing building.

The posts are made of steel I-beams ($3 \times 2\frac{1}{4}$ inches in diameter) and are held securely in the ground by means of two large blades or stakes which are driven through sockets clamped to the post at its base. This anchorage, which has a spread below the surface of 4 feet, holds the post rigid against all strains.

The post bar is galvanized its entire length by the hot dip spelter process, which makes it absolutely rust-proof.





Plate No. 4491. Iron Railing and Gates at the Factory of the Worcester Woolen Mills Company, Worcester, Mass.
Sold and erected by our Boston Branch

This railing is 6 feet 6 inches in height; the pickets are $\frac{3}{4}$ inch square and the rails are heavy channel rails of 2 x $1\frac{1}{8}$ inches.

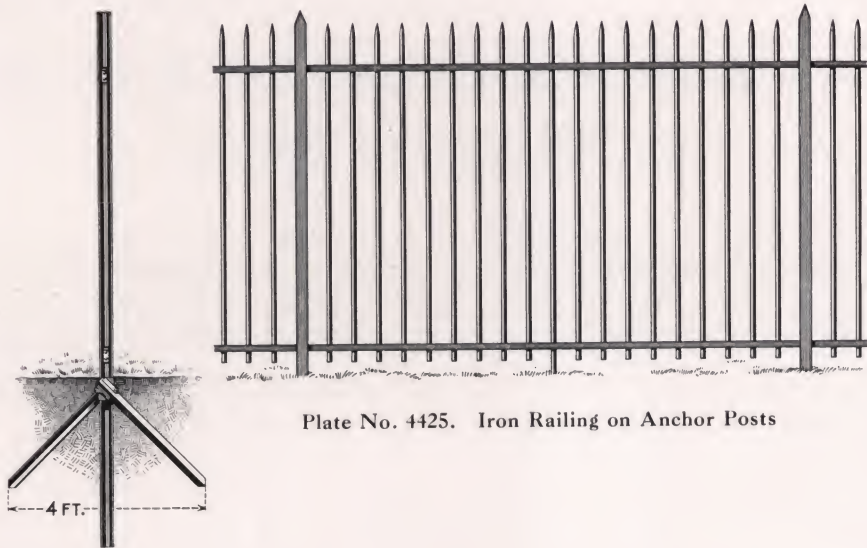


Plate No. 4425. Iron Railing on Anchor Posts



THE construction of the railing is so simple that it can be put in place by any intelligent mechanic. There are no complicated parts or fittings to get out of order. Very little digging is necessary in setting the posts, and it is therefore more easily and quickly erected than any other type of iron fence.

By loosening the clamp bolts, the post can be raised or lowered without removing the blade anchorage, thus readily making a readjustment of grade if necessary.

The rails are 2 x $1\frac{1}{8}$ -inch channel rails and the pickets are made of any desired size.



Plate No. 4483. Iron Railing set on galvanized Anchor Posts at plant of Union Metallic Cartridge Company, Bridgeport, Conn.

The construction of this railing is the same as that shown on preceding page, except for the addition of ornamental scrolls between pickets and ornamental tops on posts.



Figure 1



Figure 2

SEVERAL years ago, at our request, Frederick L. Pryor, M. E., Professor of Experimental Engineering, of Stevens Institute of Technology, made a series of tests of our Standard Anchor Posts, used in this type of railing.

The first test was to find the amount of weight the anchorage would sustain when driven in ordinary soil.

He found that two posts sustained a weight of 4,000 pounds without settlement, and a weight of 6,000 pounds with a settlement of only $\frac{1}{8}$ of an inch.

A bending test was then applied to the post, and by means of a block and tackle, the post bar was bent over to an angle of 45 degrees. Under this severe test, the anchorage in the ground remained intact with but a slight displacement of less than one inch at the surface and just under the bend.





Plate No. 4472. Iron Railing on galvanized Anchor Posts, erected for the Boston Edison Co., Boston, Mass.

IN this railing, which is 8 feet 6 inches in height, the pickets are of $1 \times \frac{3}{16}$ -inch hard steel angles. The rails are $2 \times 1\frac{1}{8}$ -inch channels. The posts shown in the foreground are bolted to the top of a stone wall. The balance of the railing, which is in all 1,200 feet in length, is set in the ground with our standard drive anchorage.

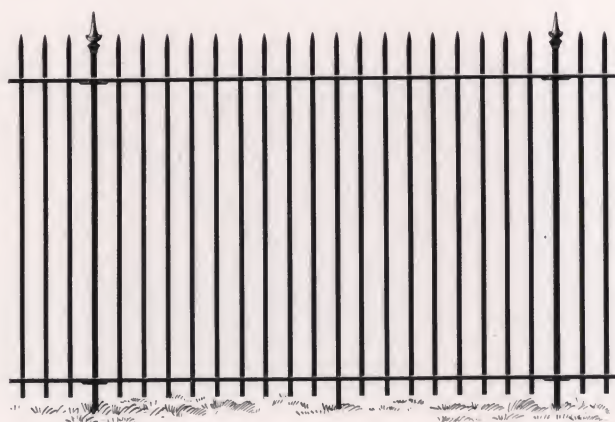


Plate No. 4427. Iron Railing on Cast-Iron Bases



THIS type of railing is set on cast-iron bases imbedded into the ground of a depth of 3 feet. The post and brace are so secured to the base that they can be adjusted either up or down. In this way the railing can be brought back to its true position if at any time it is thrown out of line by settlement of the ground.

This railing can be made of any desired height and size of pickets. Those most commonly used for railings 5 feet in height or over are $\frac{3}{4}$ -inch square pickets set on approximately 5-inch centers.





Plate No. 4486. Iron Railing, erected for The Susquehanna Railway, Light and Power Company, Hartford, Conn.
Sold and erected by our Hartford Branch

THE height of this railing is 6 feet 6 inches; the pickets are $\frac{3}{4}$ inch square; the posts are 3-inch galvanized I-beams set in a concrete coping; the gates and gate posts are the same as those shown and described below. We installed 1100 feet of this type of railing 8 feet high, at the 110th Street Station of the Consolidated Gas Company of New York City, where it was found to give better protection and to be less subject to defacement and injury than the high brick walls, which they were using at many of their other plants.

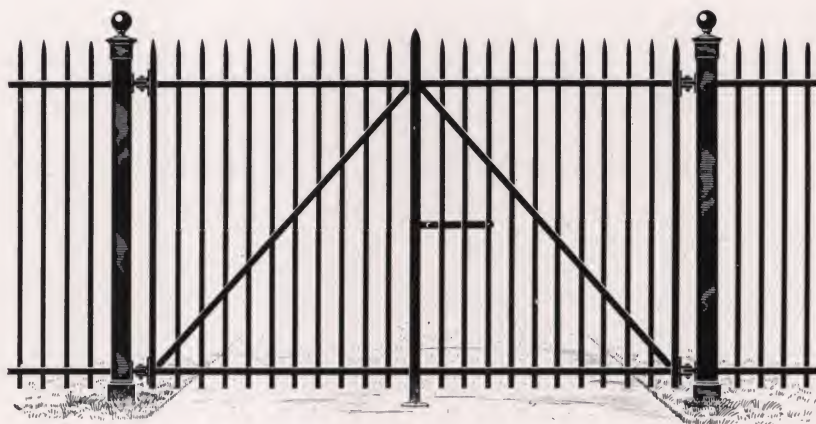


Plate No. 4531. Double Gate

THESE gates are made to match the railing shown on this and the preceding pages; the rails and pickets are the same as in the railings. The gates are hung on strong, malleable iron hinges; are equipped with drop-bolt in the center, hasp and padlock. The Gate Posts are our standard Posts No. 100 or No. 200; 3 inches or 4 inches square respectively; these posts are usually set in concrete.



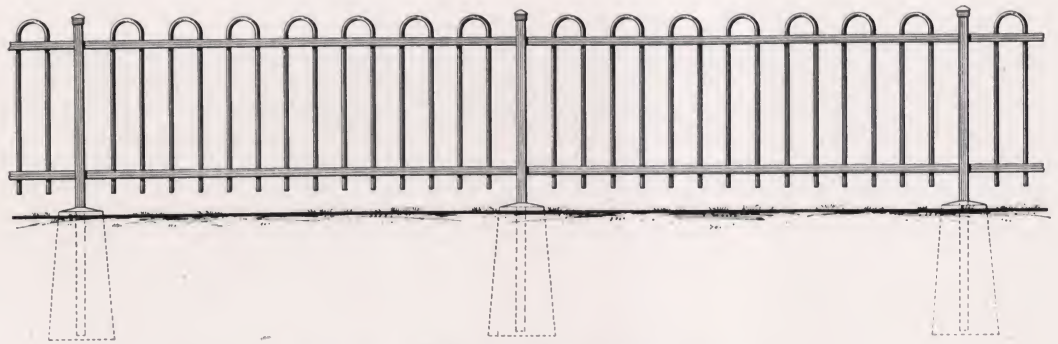


Plate No. 4487. Intertrack Railroad Fence

THIS type of railing has been adopted by some of the principal railroad systems of the country, for fencing between tracks at stations and other exposed points. The posts are made of 3-inch standard I-beam, set in concrete footings. The panels are 10 feet in length, supported by two very rigid rails of 2 x 2-inch channel. The pickets are $\frac{5}{8}$ or $\frac{3}{4}$ inch round, spaced 8 inches apart, so as to afford protection and strength, at the same time making the panel as light as possible. These panels are fastened to the posts in such a way, that they can be quickly and readily removed, so as to facilitate work between the tracks when necessary. The railing shown in the illustration is 4 feet 6 inches in height, but can be made higher if desired.

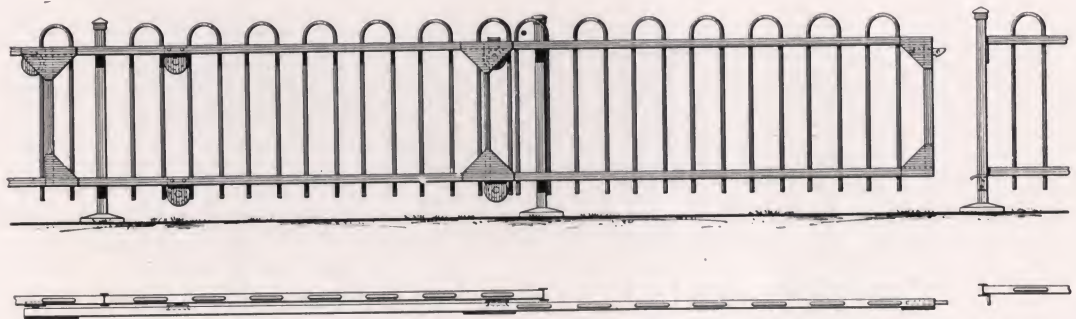
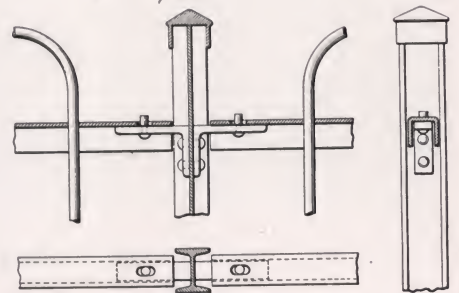
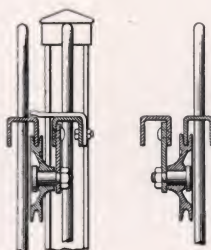


Plate No. 4488. Intertrack Sliding Gate



THESE gates are very substantially constructed; give a maximum opening of 10 feet, and are so arranged that they slide on the railing and do not require a track across the gate opening at grade. They are easy to operate and will not get out of order. The framing of the gate is made of the same panels as the railing, re-enforced with gusset plates as shown in illustration.



CENTRAL HUDSON GAS AND ELECTRIC CO.
POUGHKEEPSIE, N.Y.



ROYAL WORCESTER CORSET WORKS
WORCESTER, MASS.



PLAINFIELD UNION
WATER WORKS
PLAINFIELD, N. J.



J.F. TROMMER BREWERY
BROOKLYN, N.Y.

AMERICAN BANK NOTE CO.
NEW YORK.



BOSCH MAGNETO CO.
SPRINGFIELD, MASS.



A Partial List of Prominent Corporations Using Anchor Post Fences of the Factory, or Unclimbable Types

Name	Town	Name	Town
American Net and Twine Co.	Anniston, Ala.	Lansden Co.	Newark, N. J.
American Brass Co.	Waterbury, Conn.	LaCrosse Rubber Mills Co.	LaCrosse, Wis.
American Thread Co.	Glasgow, Conn.	Montreal Locomotive Works	Montreal, Canada
American Thread Co. (Kerr Mills) . .	Watuppa, Mass.	Manhattan Rubber Manufacturing Co. .	Passaic, N. J.
American Locomotive Co.	Dunkirk, N. Y.	Morley Button Manufacturing Co. . .	Portsmouth, N. H.
American Locomotive Co.	Richmond, Va.	Mount Vernon Bridge Co.	Mount Vernon, Ohio
American Dyewood Co.	Chester, Pa.	MacAndrews & Forbes Co.	Camden, N. J.
Auburn Reservoir	Auburn, Me.	New Departure Manufacturing Co. . .	Bristol, Conn.
Algonquin Printing Co.	Fall River, Mass.	New York Central & Hudson River R.R.	New York
Alabama & Vicksburg R.R.	Vicksburg, Miss.	National Equipment Co.	Brightwood, Mass.
Blake & Johnson	Waterbury, Conn.	Niagara Falls Heat and Power Co. . .	Niagara Falls, N. Y.
Benedict & Burnham Mfg. Co. . . .	Waterbury, Conn.	New York, Westchester & Boston R.R.	New York
Bridgeport Gas and Light Co. . . .	Bridgeport, Conn.	Oakville Co.	Waterbury, Conn.
Boltz, Clymer & Co.	Tampa, Fla.	Pierce Bros., Limited	New Bedford, Mass.
Bourne Mills	Fall River, Mass.	Pierce, Butler & Pierce Mfg. Co. . .	Syracuse, N. Y.
Beacon Manufacturing Co.	New Bedford, Mass.	Plumb, Incorporated, Fayette R. . . .	St. Louis, Mo.
Bausch Machine Tool Co.	Springfield, Mass.	Plumb, Incorporated, Fayette R. . . .	Frankford, Pa.
Bosch Magneto Co.	Springfield, Mass.	Plainfield Union Water Works	Plainfield, N. J.
Boston & Albany R.R. Co.	Boston, Mass.	Pecora Paint Co.	Philadelphia, Pa.
Bristol Patent Leather Co.	Bristol, Pa.	Philadelphia Suburban Gas Co. . . .	Chester, Pa.
Canadian Steel Foundries Co., Limited	Montreal, Canada	Peace Dale Manufacturing Co.	Peace Dale, R. I.
Corr Manufacturing Co.	Taunton, Mass.	Ponemah Mills	Taftville, Conn.
Cook Brewing Co., F. W.	Evansville, Ind.	Russell Manufacturing Co.	Middletown, Conn.
Canadian-Niagara Power Co.	Niagara Falls, N. Y.	Reno Reservoir	Washington, D. C.
Cluett-Peabody Co.	Troy, N. Y.	Rockwood Manufacturing Co.	Indianapolis, Ind.
Central Hudson Gas and Electric Co. .	Poughkeepsie, N. Y.	Rome Brass and Copper Co.	Rome, N. Y.
Consolidated Gas Co.	110th St., Ave. A., N. Y. C.	Rome Wire Co.	Rome, N. Y.
Coates, J. & P., Limited	Pawtucket, R. I.	Riegel Sack Co.	Jersey City, N. J.
Crocker-Wheeler Co.	Ampere, N. J.	Rishel, J. K., Furniture Co.	Williamsport, Pa.
Cottrell, C. B., & Sons Co.	Westerly R. I.	Southern Cotton Oil Co.	Savannah, Ga.
Columbia, City of	Columbia, S. C.	Skinner Manufacturing Co.	Holyoke, Mass.
District Pumping Station	Washington, D. C.	Smith & Wesson	Springfield, Mass.
Deane Steam Pump Co.	Holyoke, Mass.	Stevens-Duryea Co.	Chicopee Falls, Mass.
Dutchess Hat Works	Fishkill, N. Y.	Stroock Felt Co.	Newburgh, N. Y.
Empire State Dairy	Brooklyn, N. Y.	Simplex Auto Co.	New Brunswick, N. J.
Emmons Bros. Co.	Boston, Mass.	Straus, F. A., & Co.	Trenton, N. J.
Edible Oils Co.	Bayonne, N. J.	Standard Oil Co.	Constable Hook, N. J.
Edison Co.	Boston, Mass.	Susquehanna Silk Mills	Lewistown, Pa.
Erie Railroad Co.	New York	Susquehanna Silk Mills	Jersey Shore, Pa.
Farr Alpaca Co.	Holyoke, Mass.	Standard Steel Works	Burnham, Pa.
Flint Mills	Fall River, Mass.	Stark Paper Co.	North Bennington, Vt.
Feigenspan Brewery	Newark, N. J.	Turner & Seymour	Torrington, Conn.
Forbes Lithographing Manufacturing Co.	Chelsea, Mass.	Ticonderoga Pulp and Paper Co. . .	Ticonderoga, N. Y.
Firth Carpet Co.	Firthcliffe, N. Y.	Union Metallic Cartridge Co.	Bridgeport, Conn.
Farr & Bailey Manufacturing Co. . . .	Camden, N. J.	Union Street Railway Co.	Fall River, Mass.
Geometric Tool Co.	New Haven, Conn.	Union Steam Pump Co.	Battle Creek, Mich.
Grand Rapids Hardware Co.	Grand Rapids, Mich.	Utica Knitting Co.	Utica, N. Y.
General Electric Co.	Schenectady, N. Y.	United States Bung Manufacturing Co. .	Cincinnati, Ohio
General Electric Co.	Pittsfield, Mass.	Virginia-Carolina Chemical Co. . . .	Cincinnati, Ohio
General Electric Co.	Lynn, Mass.	Virginia-Carolina Chemical Co. . . .	Charleston, S. C.
Gorham Manufacturing Co.	Providence, R. I.	Whitney Manufacturing Co.	Hartford, Conn.
Hendy Machine Co.	Torrington, Conn.	Wallace, R. & Sons, Manufacturing Co.	Wallingford, Conn.
Hendee Manufacturing Co.	Springfield, Mass.	Wilmington Gas Co.	Wilmington, Del.
Heywood Bros. & Wakefield Co. . . .	Wakefield, Mass.	Wiley & Russell Manufacturing Co. . .	Greenfield, Mass.
Hartford City Gas Co.	Hartford, Conn.	Whittall Carpet Mill	Worcester, Mass.
Hind & Harrison Plush Co.	Clarks Mills, N. Y.	Westinghouse Lamp Co.	Bloomfield, N. J.
Hemphill Manufacturing Co.	Pawtucket, R. I.	Weidmann Silk Dyeing Co.	Paterson, N. J.
International Harvester Co.	Milwaukee, Wis.	Wilburine Oil Works	Struthers, Pa.
Johnson & Johnson	New Brunswick, N. J.	Wanskuck Co.	Providence, R. I.
Keystone Leather Co.	Camden, N. J.	West Virginia Pulp and Paper Co. . .	Boones Mill, S. C.
Luther Manufacturing Co.	Fall River, Mass.	Yale & Towne Manufacturing Co. . .	St. Catharines, Canada
Loeb & Schoenfeld Co.	Glenham, N. Y.		





Wrought Iron Railings and Gates

THERE is no branch of iron work that requires greater skill than the making and setting of iron gates. A gate, especially if it is large and massive, is always subject to strain. Unless the frame-work is properly proportioned and well put together it will eventually sag, causing endless trouble and expense to correct the fault.

The design of a gate is, or should be, within the province of the architect; the excellence of the design depending upon his training and individual taste. The correct proportioning of the various members, however, so as to result in the greatest possible strength in harmony with the design, is, we think, within the province of the artisan and often calls for more skill and experience on his part than the execution of the purely ornamental details.

Our organization includes workmen of the highest skill, draughtsman and mechanical engineers. Our shops are equipped with special machinery for all purely mechanical operations in the making of gates and railings.

The proper setting of an iron railing or gate requires as much skill and training as is necessary in its making. If placed in the hands of incompetent workmen, the best piece of work may be marred in the setting. We can offer no better evidence that our work is correctly put up than the illustrations which follow. We have specialized in this work to such an extent that we have been enabled to train a corps of mechanics exclusively for the erecting of our railings and gates. These men have been taught to do their work with a degree of precision and care made possible only by the training of long experience.





Plate No. 4480. Entrance Gate to Private Estate, Port Washington, N. Y.
Made and erected by Anchor Post Iron Works

An appropriate entranceway to an extensive country estate, which includes the lodge gate. The height of gate under the arch is 12 feet; the width between piers, 13 feet 6 inches, and the total height, 17 feet.

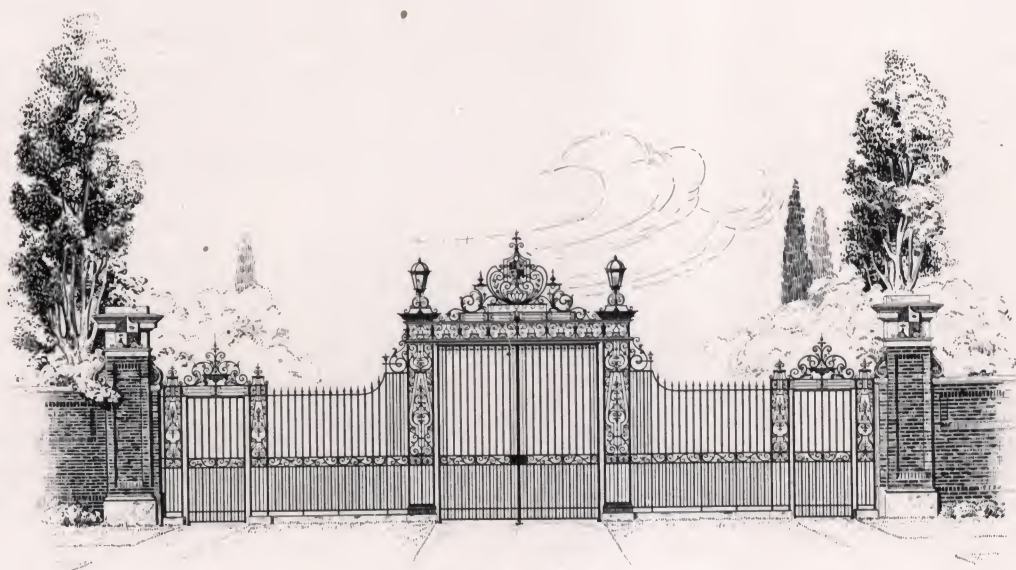


Plate No. 4528





Plate No. 4457. Entrance Gate to Private Estate, Greenwich, Conn.

Made and erected by Anchor Post Iron Works

The gate illustrated above is one of two identical in design which we furnished for this country place. The total width of these gates is 18 feet 6 inches and the height in the center 9 feet.



Plate No. 4409





Plate No. 4477. Entrance Gate, Runson, N. J.
Made and erected by Anchor Post Iron Works

This gateway, from designs by Brinley & Holbrook, Landscape Architects, is 15 feet in width between piers and 7 feet 6 inches in height at center. In gates of this character, especially where the opening is a wide one, the iron panel posts on each side of the piers add an interesting feature.



Plate No. 4489





Plate No. 4518. Entrance Gate, Duke's Farm, Somerville, N. J.

Made and erected by Anchor Post Iron Works

Six entrance gates like the one shown in this illustration were furnished by us for this well-known property. The gates are 20 feet in width and 8 feet in height at the center.



Plate No. 4519





Plate No. 4454. Entrance Gate at Babylon, N. Y.

Made and erected by Anchor Post Iron Works

This gate is from designs by Rossiter & Wright, Architects. The width between piers is 12 feet; height in the center, 6 feet 6 inches.



Plate No. 4520





Plate No. 4521. Entranceway with Iron Posts and Railing, Glen Cove, N. Y.
Made and erected by Anchor Post Iron Works

This gate is 16 feet between posts and 8 feet 6 inches in height in the center. An interesting feature in this gateway is the use of Wrought Iron Gate Posts instead of stone piers.



Plate No. 4522



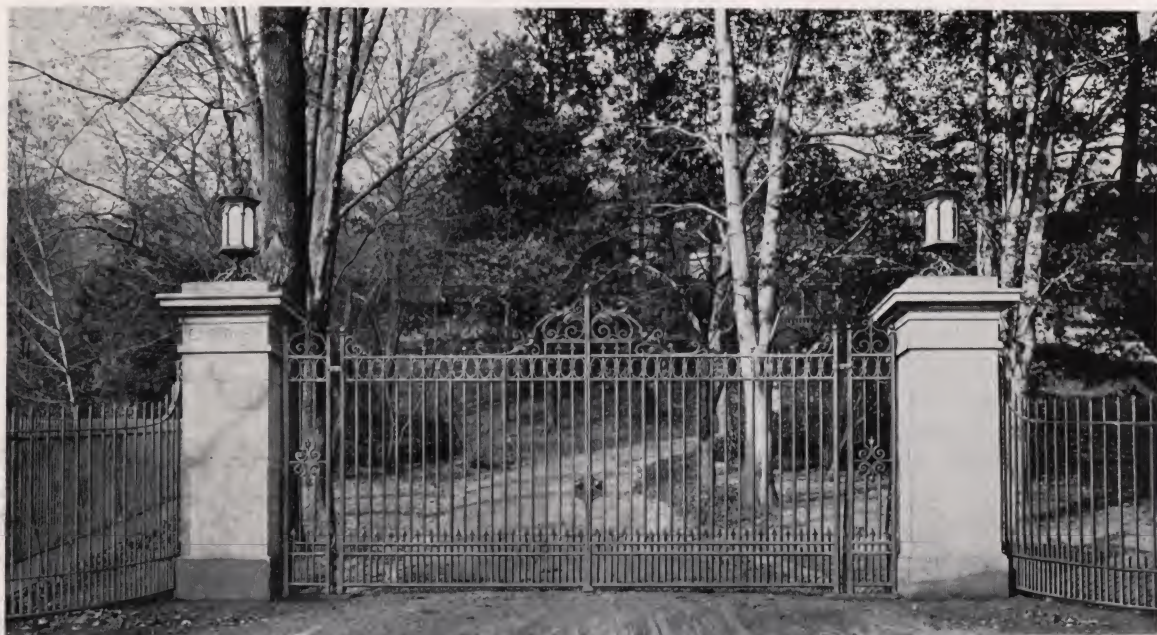


Plate No. 4523. Entrance Gate to Private Estate, Montclair, N. J.

Made and erected by Anchor Post Iron Works

In addition to the gateway, our work included the building of the stone piers and also 500 feet of railing, 6 feet in height. The width of the gate is 19 feet 8 inches from pier to pier, and 9 feet in height in the center.



Plate No. 4466





Plate No. 4526. Entrance to Linden Lodge. A Private Estate at Stamford, Conn.
Made and erected by Anchor Post Iron Works

The plain, simple lines of this gate, in which the large chain brace is the distinctive feature, are more in character with the rustic stone piers and wall than would be a gate of more elaborate design.



Plate No. 4527





Plate No. 4490. Entrance Gates and Railing, Private Estate, Cranford, N. J.
Made and erected by Anchor Post Iron Works

In connection with this gateway, we also erected approximately 1,000 feet of railing, 7 feet in height, set on a concrete coping. Our contract included the building of the piers and coping as well as the ironwork.



Plate No. 4412





Plate No. 4423. Entrance Gate at Private Estate, Islip, L. I.

Made and erected by Anchor Post Iron Works

This gate, from designs by Rossiter & Wright, Architects, is 12 feet between piers; height at center, 5 feet 6 inches. It is a good example of a gate of simple design and moderate cost.



Plate No. 4524





Plate No. 4407. Entrance Gate and Railing, Woodlawn Cemetery, Woodlawn, N. Y.
Made and erected by Anchor Post Iron Works

This entrance gate and railing were made from designs by Charles W. Leavitt, Jr., Landscape Architect. The main gate is 21 feet in width between piers and 12 feet in height at piers. The railing is 7 feet in height and 10,000 feet in length.



Plate No. 4401. Gateway, Evergreen Cemetery, Elizabeth, N. J.
Made and erected by Anchor Post Iron Works

The width of main gate between piers is 16 feet, and its height, 11 feet 6 inches; width of single gates, 5 feet; height, 8 feet.





Plate No. 4525. Entrance Gate to Lutheran Cemetery, Brooklyn, N. Y.
 Made and erected by Anchor Post Iron Works

Our contract for this work included the furnishing and building of the granite piers, as well as the gateway. The width between piers is 19 feet 6 inches; the height of the gate at the center, 12 feet.



Plate No. 4455. The Flower Memorial Gateway, Watertown, N. Y.
 Made and erected by Anchor Post Iron Works

These gates are very massive, 22 feet in height and 13 feet wide between piers. These granite piers were also included in our work.





Plate No. 4516. Entrance Gate and Railing, Fordham, N. Y.
 Made and erected by Anchor Post Iron Works

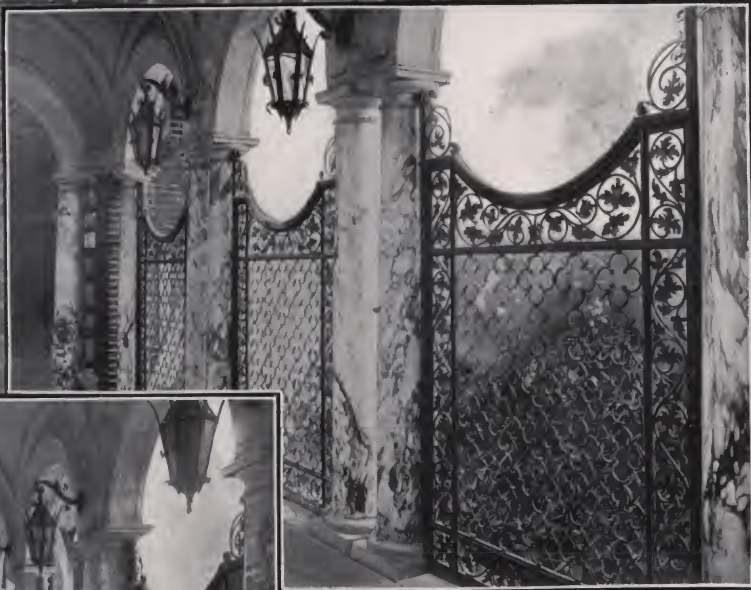
This gate is ten feet between piers and 5 feet 6 inches high at center. The railing is 3 feet 6 inches high and is the same as that shown in plate No. 4493.



Plate No. 4517. Entrance Gate and Railing, Flushing, L. I.
 Made and erected by Anchor Post Iron Works

This railing is set on cast-iron foundations, is four feet in height, having $\frac{5}{8}$ inch square on $4\frac{1}{2}$ -inch centers; rails of $\frac{1}{2}$ x $\frac{1}{2}$ -inch channel.





Wrought Iron Screens and Lanterns in Loggia of Italian Garden, at Great Barrington, Mass.
From designs by Ferruccio Vitale, Landscape Architect





Plate No. 4429. Railing at Bernardsville, N. J.
Made and erected by Anchor Post Iron Works

This railing is 7 feet 6 inches in height and the panel posts, which are 14 inches wide, are set 40 feet apart.



Plate No. 4482. Railing, Hartford, Conn.

The height of this railing is 4 feet; $\frac{3}{4}$ inch square. It can be made in any height up to 8 feet. Posts are galvanized $2\frac{1}{4}$ x 3-inch I-beams which do not require back braces.





Plate No. 4465. Railing, Paterson, N. J.
Made and erected by Anchor Post Iron Works

This illustration shows part of 2,000 feet of an iron railing erected on a country estate at Paterson, N. J. It is 6 feet in height. The posts are Galvanized Anchor Posts, set in the ground with drive anchors. The rails are very heavy $2 \times 1\frac{1}{8}$ -inch channel. The pickets are $\frac{3}{4}$ inch square with scroll ornaments on the top rail. We build this railing in heights from 4 feet up to 8 feet.



Plate No. 4492. Iron Railing at Montclair, N. J.

A railing 4 feet 6 inches in height, long pickets $\frac{5}{8}$ inch square with forged heads, short pickets $\frac{5}{8}$ inch round.





Plate No. 4432. Railing at Portchester, N. Y.
 Made and erected by Anchor Post Iron Works

This railing is 8 feet in height and 1700 feet in length. The pickets are $\frac{7}{8}$ inch square. The posts are supported on heavy cast-iron foundations set in the ground.



Plate No. 4493. Railing at Fordham, N. Y.

A simple iron railing, 3 feet 6 inches high, $\frac{5}{8}$ inch square pickets, erected on stone coping.



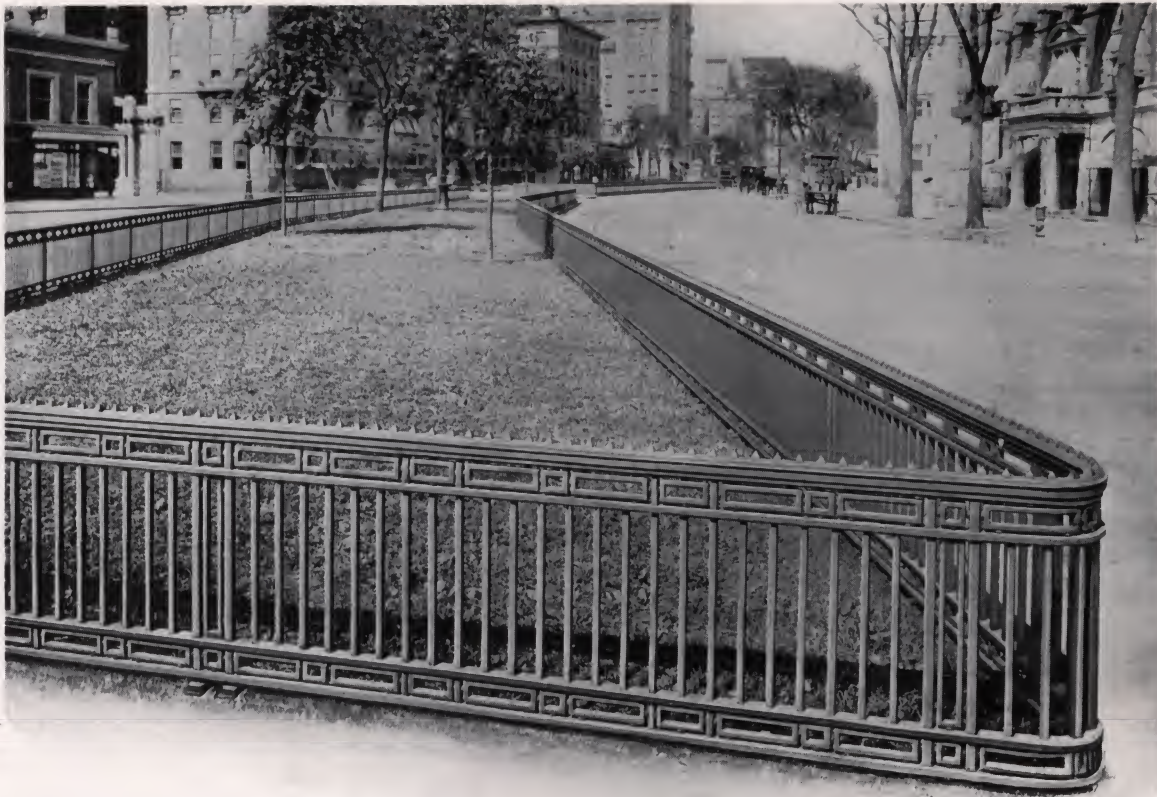


Plate No. 4469. Railing, Broadway, New York

Made and erected by Anchor Post Iron Works

A short section of a total length of 16,000 feet of railing, from designs by Department of Parks, erected around the grass plots on Broadway between 60th and 122d Streets. It is set on cast-iron bases imbedded in concrete.



Plate No. 4494. Railing, Seventh Avenue, New York City

Railing, from designs by Department of Parks, set on concrete curbing around grass plots on Seventh Avenue, between 110th and 153d Streets. Length, 15,300 feet.



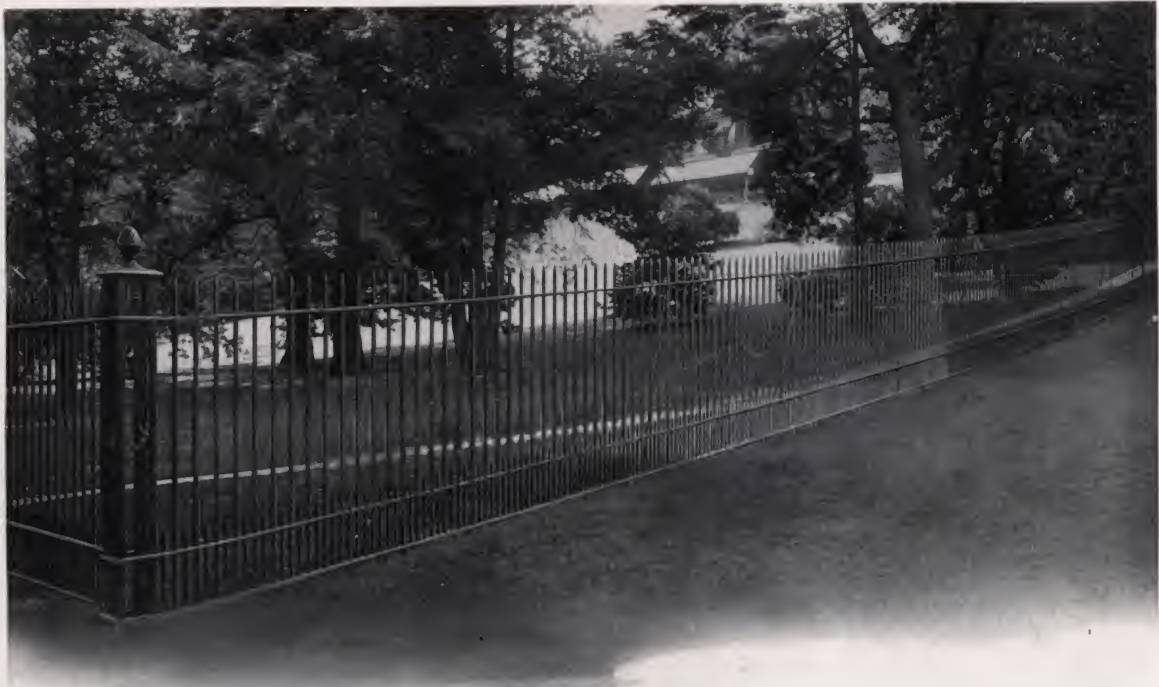


Plate No. 4495. Iron Railing, Private Estate, Montclair, N. J.
 Made and erected by Anchor Post Iron Works

This railing is 6 feet in height, built on cast-iron foundations imbedded in concrete to a depth of 3 feet; the pickets are $\frac{3}{4}$ inch square; the rails are $1\frac{3}{4} \times \frac{1}{2}$ inch solid flat.



Plate No. 4496. Iron Railing, Flushing, L. I.

This railing is 5 feet in height and is set on cast-iron foundations imbedded in concrete. The pickets are $\frac{3}{4}$ inch square, with scroll ornaments on top and bottom rails.







Post No. 100—Double Gate No. 4498—Railing No. 4497



Post No. 116—Single Gate No. 4499
Railing No. 4497



Post No. 112—Double Gate No. 4501—Railing No. 4500



Post No. 115—Single Gate No. 4503
Railing No. 4502



Post No. 23—Double Gate No. 4504—Railing No. 4479



Post No. 109—Single Gate No. 4505
Railing No. 4479



Post No. 100—Double Gate No. 4535



Post No. 114—Single Gate No. 4536



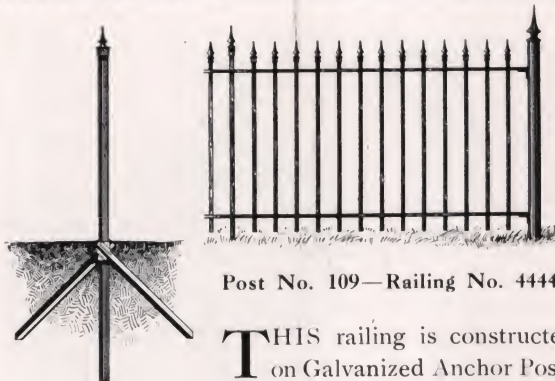
Post No. 23—Double Gate No. 4537



Post No. 21—Single Gate No. 4538

The railings and gates illustrated on this page can be furnished in heights from three feet up to six feet and of any size picket desired from $\frac{1}{2}$ inch to $\frac{3}{4}$ inch round or square.





Post No. 109—Railing No. 4444

THIS railing is constructed on Galvanized Anchor Posts of I-beam section, $\frac{3}{4}$ x 2 inches, with anchor blades 30 inches in length.

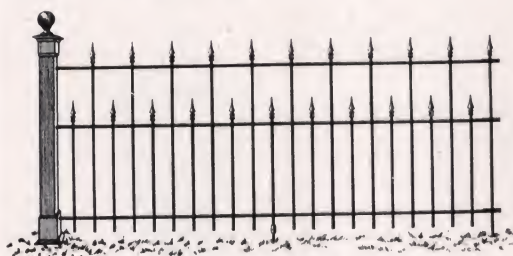
They are built up to a height of 4 feet 6 inches; the posts are very strong; the anchorage holds the railing in perfect alignment.



Post No. 105—Railing No. 4441
Single Gate No. 4506

THIS railing illustrates the type of anchorage in which case an iron base and back brace are used.

These bases extend into the ground to a depth of 30 inches. For railings higher than 4 feet 6 inches, a larger base is used.



Post No 100—Railing No. 4443



Post No. 70—Railing No. 4440—Single Gate No. 4539



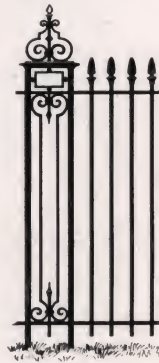
Post No. 115
Railing No. 4540



Post No. 116
Railing No. 4541



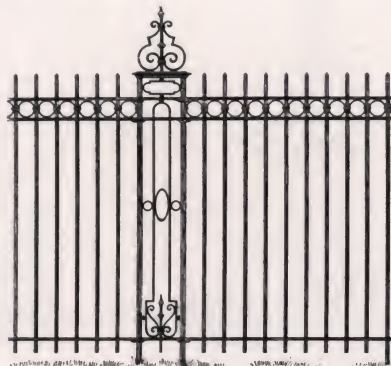
Post No. 117
Railing No. 4542



Post No. 118
Railing No. 4543



Post No. 106—Railing No. 4445



Post No. 119—Railing No. 4544

Railings 4540 to 4544 are built on cast-iron bases, extending 3 feet in the ground. These railings can be made in any height from 4 feet up to 8 feet. Pickets and rails of any desired size and thickness.





Plate No. 4507

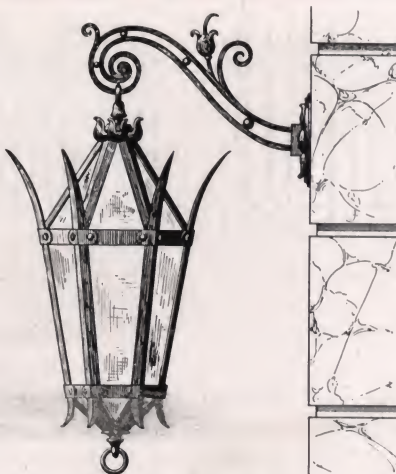


Plate No. 4508

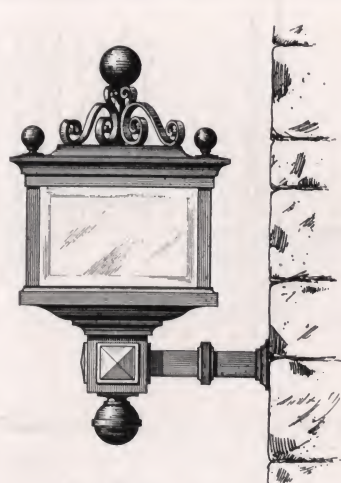


Plate No. 4509

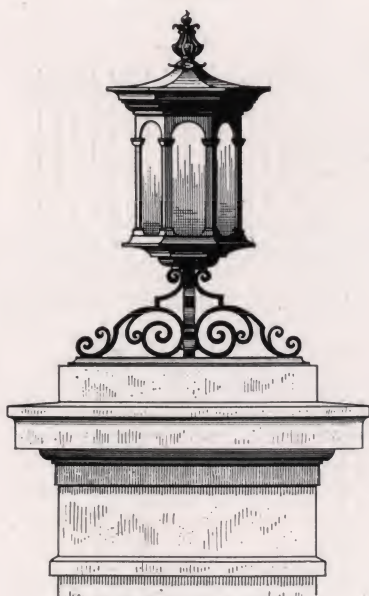


Plate No. 4510



Plate No. 4511

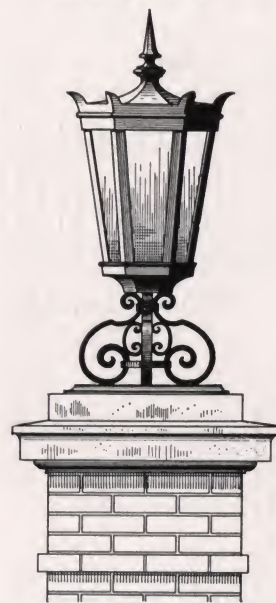


Plate No. 4512

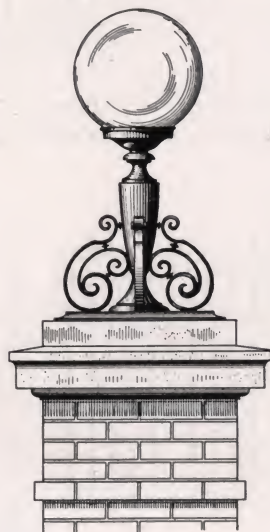


Plate No. 4513

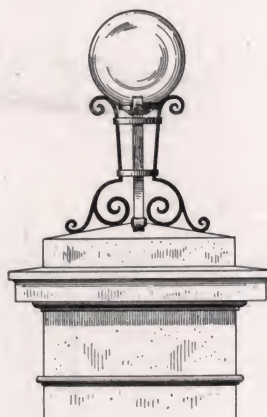


Plate No. 4515



Plate No. 4514

Our lamps are not made from stock patterns; as a rule, they are especially designed to conform to the gates with which they are used. The few that we illustrate on this page are given as examples, showing as great a variety as possible in shape and style.



Farm Fences, Poultry Enclosures, Arbors, Etc.



IN the succeeding pages are illustrated a number of fences suitable for various farm purposes, including pasture fences, stock paddock, chicken run and dog kennel enclosures and aviaries, arbors, trellises, tree and flower-bed guards, garden arches, etc. We also show gates, fence posts, fence and chicken netting, fence wire and a variety of woven wire products for farm and general use. Many a farm has a run-down and "slipshod" appearance merely because its fences are the ordinary wood post style, always in need of repair and a con-

tinual source of trouble and expense. The posts rot, the fence weakens, and the cattle get out of the pasture and into the grain field or out upon the road. The result is damage to crops, or valuable time wasted in rounding up your livestock.

Anchor Post Fences Are Galvanized

Anchor Post Fences are built to last. The posts are galvanized their entire length, including tops, anchors and fittings, and will not corrode above or below ground, no matter what the weather or the climate.

Anchor Post Fences Stay in Line

They are not shifted by the action of frost or the stress of hard usage. The post-bar is driven. Digging is not required. It is held from opposite sides by two anchor stakes, driven through sockets clamped to the sides of the post, as shown in trade-mark illustration.

Erected by Experienced Men

We have been building fences for over twenty years. We have a large force of erectors under the supervision of our home office (or the nearest branch office), trained to set our work as we think it ought to be set.

Prices

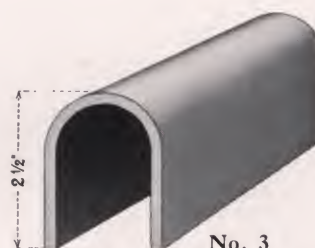
The prices given in the tables are for the fence by the running foot, and include the line posts, wire, top rail, and everything complete, with the exception of the straining posts and gates, which are quoted extra. The list prices are for material only, and are subject to a discount. Prices, including the cost of erecting, quoted on application.



No. 1



No. 2



No. 3

The above illustrations show the shape and dimensions of our standard U-bar Anchor Posts. In the price list tables these several sizes are referred to by their respective numbers.





Plate No. 3392. Farm and Pasture Fence

ON the farm a good fence is a necessity. This is one made of wire so strong and so woven together that no stock can get through it. The posts, which are Anchor Posts, sizes No. 1 or No. 2, will outlast wood many times over. The fabric is made of No. 9 galvanized steel wire. The straining posts at ends, corner and gates, are of galvanized steel tubing, securely braced as shown in the illustration.

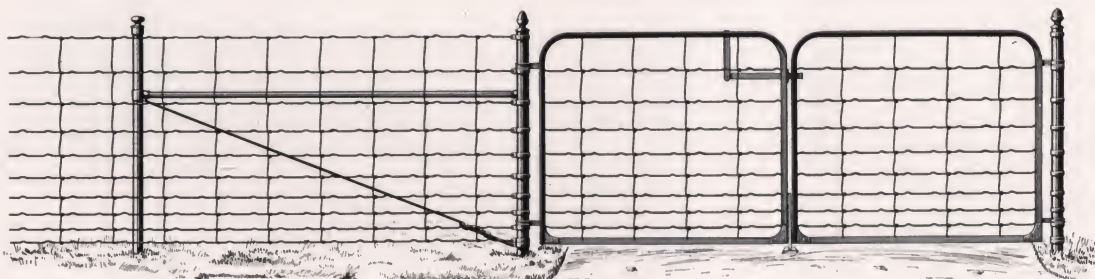


Plate No. 3459. Farm and Pasture Fence



Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts with Brace	Price of Gates	
		10 Feet	12 Feet		Single, 3½ Feet	Double 10 Foot Opening
3 feet 6 inches	39	\$0.28	\$0.24	\$7.25	\$7.75	\$18.50
3 feet	47	.30	.26	7.50	8.25	20.00
*5 feet	58	.38	.34	8.00	9.75	24.00

* Fences 5 feet in height have size No. 2 Anchor Posts. List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.



Plate No. 3317. Feeding the Pigs, Gedney Farm

THESE pig yards are clean and sanitary and mark a decided departure from the unhealthy method of raising hogs, with which everyone living in the country is more or less familiar. The posts are Anchor Posts, size No. 2; the top rail is $1\frac{1}{4}$ -inch pipe ($1\frac{5}{8}$ inches outside diameter); the fabric is woven steel wire No. 9. Prices quoted on application.

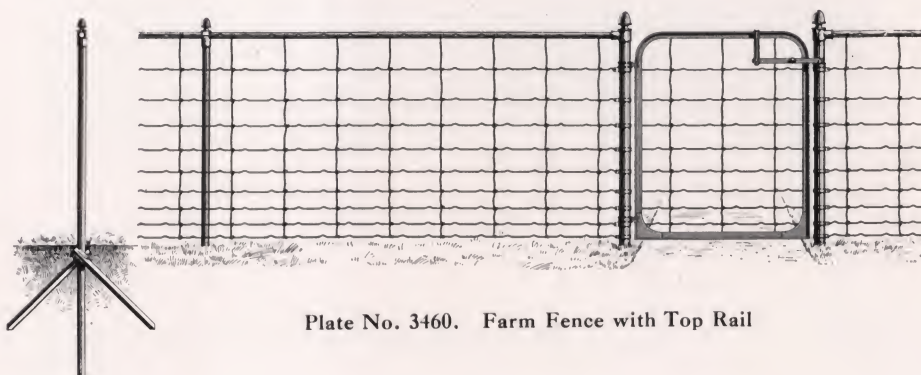


Plate No. 3460. Farm Fence with Top Rail

THE top rail in this fence is of particular advantage for horse pastures, as it is seen by the horses and keeps them from running into the fence, or trying to jump it. The rail also protects the fabric, which is more likely to be bent on the top wire than at any of the lower strands. The fabric and posts are the same as described in the fence on the opposite page.

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, $3\frac{1}{2}$ Feet	Double 10-Foot Opening
3 feet 6 inches	39	\$0.48	\$0.43	\$4.25	\$7.75	\$18.50
4 feet	47	.50	.45	4.50	8.25	20.00
* 5 feet	58	.62	.55	6.40	9.75	24.00

* Fences 5 feet in height have size No. 2 Anchor Posts. List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.



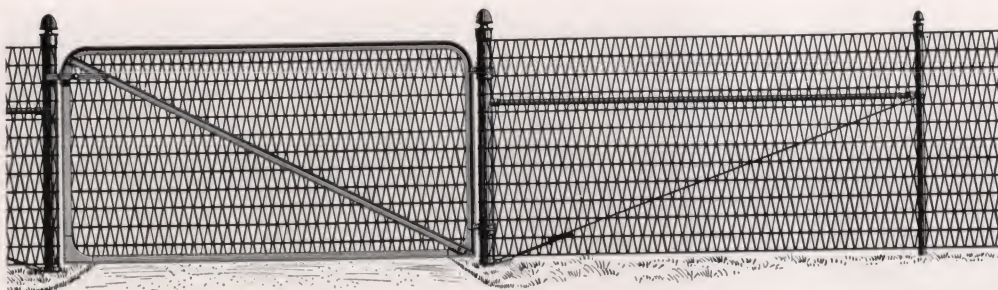


Plate No. 3461. Farm Fence, Triangular Mesh Netting

WHERE a close mesh, unclimbable fabric is required, this fence will be found to be one of the best and most serviceable. On account of its formation, the fabric is unusually strong and will not sag. All of the wires are size No. 12½. The cables, of double strands, are 4 inches apart, the vertical wires forming the mesh are 2 inches apart; the posts are Anchor Posts, size No. 1 or No. 2.

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts with Brace	Price of Gates		
		10 Feet	12 Feet		Single, 3½ Feet	Single 8-Foot Opening	Single 10-Foot Opening
3 feet 6 inches	42	\$0.42	\$0.38	\$7.25	\$7.75	\$13.00	\$15.20
4 feet 4 inches	50	.47	.43	7.75	8.75	14.00	16.40
*5 feet	58	.55	.50	8.20	9.75	15.50	18.00

*Fences 5 feet in height and higher have size No. 2 Anchor Posts. List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.

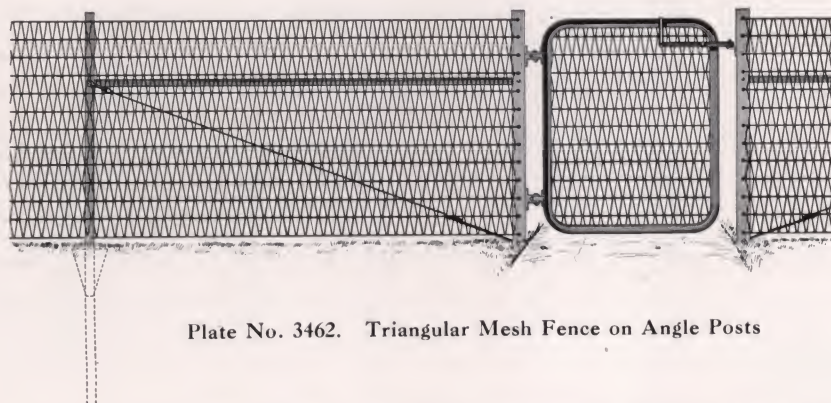


Plate No. 3462. Triangular Mesh Fence on Angle Posts

WHILE we cannot too strongly urge the advantage of Galvanized Anchor Posts for all fences of permanent character, there are sometimes cases where the first cost is the main consideration. This fence is built with posts of hard steel angles with plate anchors. The posts are painted (not galvanized).

For fences up to 4 feet 6 inches in height, the post is size No. 51 (see page 87).

For fences above 4 feet 6 inches, the larger post is used, size No. 52.

End, Corner and Gate Posts No. 53.

All of these posts are stronger and more substantial than the majority of metal posts sold for farm fencing.

Height Above Ground	Width of Netting Inches	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts with Brace	Price of Gates	
		10 Feet	12 Feet		Single, 3½ Feet	Double 10-Foot Opening
3 feet 6 inches	42	\$0.27	\$0.25	\$5.30	\$7.75	\$18.50
4 feet 4 inches	50	.31	.29	5.60	8.75	21.50
*5 feet	58	.40	.38	5.90	9.75	24.00

*Fences 5 feet in height have size No. 52 Posts. List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.





Plate No. 3314. Braided Wire Fence

THIS fence is used for division and boundary line fencing and is often used for the protection of young hedges. The wire is made of four strands of No. 14 wire twisted together and will withstand severe strains. The posts are Galvanized Anchor Posts, size No. 1, set from 8 to 10 feet apart.

Height Above Ground	Number of Wires	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts with Brace	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
3 feet	5	\$0.29	\$0.24	\$7.00	\$6.50	\$18.00
3 feet 6 inches	5	.31	.26	7.25	7.00	19.00
4 feet	6	.33	.28	7.50	7.75	21.00
4 feet 6 inches	7	.35	.30	7.75	8.50	23.00

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.

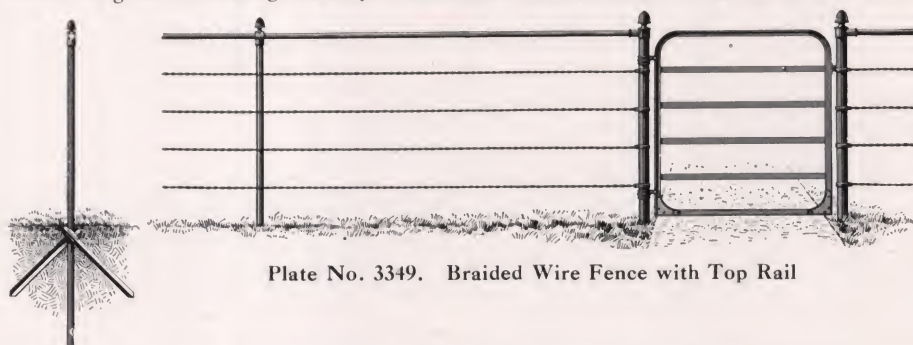


Plate No. 3349. Braided Wire Fence with Top Rail

THE top rail on all of our wire and netting fences is 1-inch galvanized pipe (1⅜ inches outside diameter). The rail passes through the top of the posts and is screwed together by standard pipe couplings. The top rail stiffens the fence and acts as a brace or strutt to the end or gate posts. The wire is made of four strands of No. 14 wire twisted together and will withstand severe strains. The posts are Galvanized Anchor Posts, size No. 1, set from 8 to 10 feet apart.

Height Above Ground	Number of Wires	Price per Lineal Foot Posts Spaced		Price of End, Corner and Gate Posts	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
3 feet	4	\$0.43	\$0.38	\$4.00	\$6.50	\$18.00
3 feet 6 inches	4	.45	.40	4.25	7.00	19.00
4 feet	5	.47	.42	4.50	7.75	21.00
4 feet 6 inches	6	.49	.44	4.75	8.50	23.00

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.



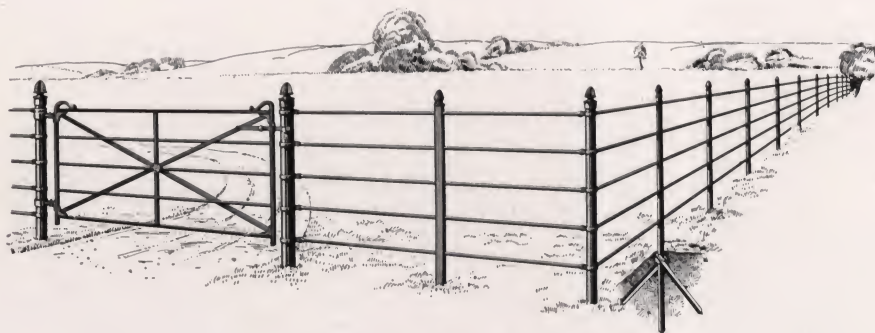


Plate No. 3463. All-Steel Rail Fence

THE posts in this fence are Galvanized Anchor Posts, $1\frac{3}{4} \times 1\frac{3}{4}$ -inch T-bar; the posts are placed 8 feet apart, with an intermediate standard galvanized flat bar; the rails are $\frac{5}{8}$ -inch round bars, passing through the posts and jointed together by screw couplings; the rails are painted (not galvanized).

Height Above Ground	Number of Rails	Price per Lineal Foot Posts Spaced 8 Feet	Price of End and Corner Posts	Price of Gate Posts	Price of Gates	
					Single $3\frac{1}{2}$ -Foot Opening	Double 10-Foot Opening
3 feet 6 inches	5	\$0.75	\$4.25	\$5.30	\$14.00	\$34.00
4 feet	6	.85	4.50	5.65	15.00	36.50

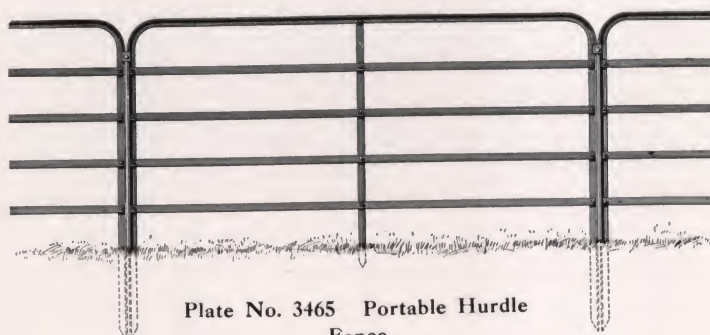


Plate No. 3465 Portable Hurdle Fence

THE demand for a really serviceable, yet portable, fence had never been met in a satisfactory way, until this fence was introduced by us. The hurdles are 8 feet long; the frame is made of T-shape bar, with flat rails and center uprights; they are fastened together near the top by adjustable clamps that are easily and quickly applied, and serve to bind the several panels together, so as to make a continuous rigid fence. At the same time, the hurdles can be very easily taken up and reset. They are painted (not galvanized).

For sheep pasture or for temporary enclosures of all kinds, this fence will be found to answer the purpose better than any other.

Height Above Ground	Number of Rails	Length of Hurdles Feet	Price per Hurdle
3 feet 6 inches	4	8	\$4.75
4 feet	5	8	5.50
4 feet 6 inches	6	8	6.25





Plate No. 3328. Kennel Yards, Gedney Farm, White Plains, N. Y.

THE yards shown in this illustration were designed and built by us for the kennels at Gedney Farm. They consist of twenty separate runs, besides a large exercising yard. We make a specialty of work of this kind and are prepared to quote prices, including the setting up of fences in any part of the country.

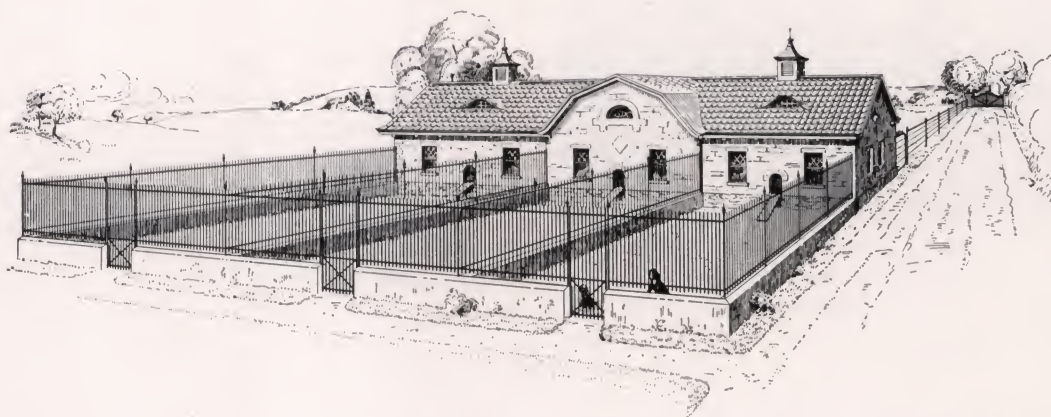


Plate No. 4534. Kennel Yard Railing

IN planning kennel houses and yards, poultry runs and aviaries, we are always glad to put at the disposal of architects or owners, information that we have gathered from expert breeders, and from a rather wide experience of our own, in building animal enclosures of all kinds. As shown by the illustration above, a low concrete wall on which is mounted a close picket railing, makes a substantial and attractive kennel fence. These railings are from 4 to 6 feet high; the pickets are $\frac{1}{2}$ or $\frac{5}{8}$ -inch round rods, set about 3 inches apart.





Plate No. 3393. Poultry Runs on a Private Estate, at Tarrytown, N. Y.

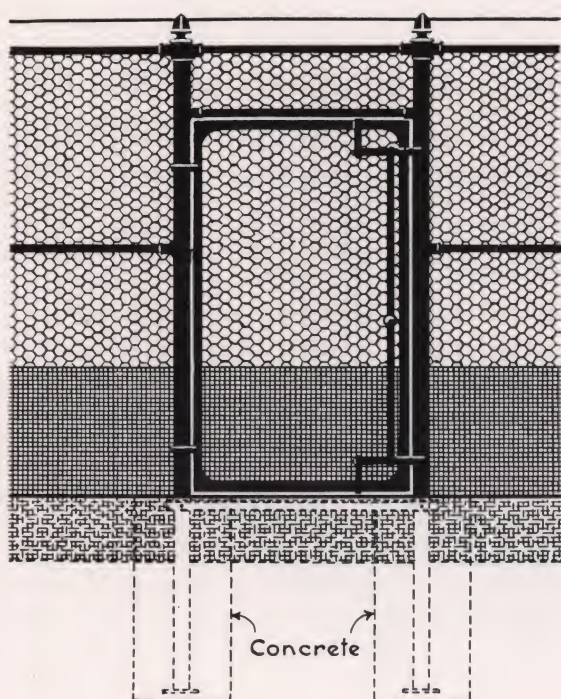


Plate No. 3468. Poultry Fence and Gate with Rat-Proofing on the Bottom

WE illustrate on this page, a part of a very extensive poultry plant, where we have installed over 3900 feet of Anchor Post Fences. In its general arrangement, as well as in every detail, it is a model of efficiency without extravagance. The trim appearance of the fences, the clean, sanitary houses and yards, and the healthy condition of the birds, all show that it is both possible and profitable to make the poultry yard of a country place, whether it be large or of only moderate size, a pleasant thing to look at and not an eye-sore.

In the group of runs shown in the foreground, the birds are housed by what is known as the Colony System. These yards are 72 x 20 feet and contain about 24 birds to each yard.

Rat-proofing the outside of the enclosure is always advisable. For this, we use a fine mesh wire cloth as shown in plate No. 3468, buried in the ground in such a way that rats cannot burrow under it.

In our standard Poultry Fences, prices of which are given in the table below, a 30-inch breadth of 1-inch mesh netting is used at the bottom, 6 inches of which is set below ground. Above this is a breadth of 2-inch No. 16 wire. A slight extra charge above the regular price is made for this addition.

Height Above Ground Feet	Width of Netting Inches	Price per Lineal Foot Post Spaced		Price of End, Corner and Gate Posts with Brace	Price of Gates	
		8 Feet	10 Feet		Single, 3½ Feet	Double 10-Foot Opening
6	30-48	\$0.81	\$0.73	\$8.00	\$11.50	\$28.00
7	30-60	.88	.80	8.50	13.00	31.00
8	30-72	.95	.87	9.00	14.50	34.00

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.





Plate No. 3467. Netting Fence Enclosing Lake on the property of G. D. Tilley, Darien, Conn.

THIS establishment is devoted to the breeding of ornamental land and water birds. We are indebted to the owner of this property, who has used our fences and aviaries for many years, and also to other well known bird fanciers and poultry raisers, for many valuable suggestions as to the best types of fences, the arrangement and size of yards, the proper location and design of the bird or poultry houses, etc.

In poultry raising, what is known as the Colony System is each year coming into more favor. A group of these Colony Houses is shown in the foreground of the illustration on the opposite page. These small yards are 72 feet long by 20 feet wide and contain about 24 birds to each yard.

The diagram shown by plate No. 3466 is a plan of a typical general poultry house, with its adjoining yards, and is of interest in showing the number of birds that can be allotted to a yard of any given size.

In general, the poultry house, whether it be of the Colony System or any other, should, if possible, be faced to the south, with the ground falling away slightly from the houses.

The yards should be open to the sunlight, but with enough shade trees, either in them or around them, to give protection to the birds in very warm weather.

The houses should be constructed so as to be sanitary, free from draughts and dampness.

We will be glad to furnish plans and specifications for the most approved arrangement of buildings and yards, to architects or owners who are interested in this subject.

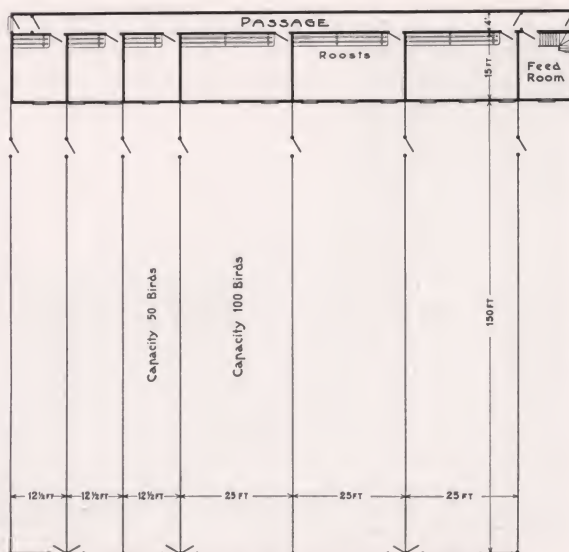


Plate No. 3466. Plan of Typical Poultry Yard





Plate No. 3400. Aviaries, Bernardsville, N. J.

THE aviaries shown in this photograph are part of a group of pheasant cages built by us on a private place at Bernardsville, New Jersey. They are constructed without supporting posts in the center, allowing the birds an unobstructed flying space.

In large enclosures like this, the birds are guarded from danger, but still have so much freedom that they are kept in healthy condition. They preserve their natural flight and are shown in attractive surroundings to the best advantage.

On this same property we have also built a number of other aviaries for water-fowl and small birds.



THIS is a special enclosure erected in connection with the new vivarium at Princeton University, from designs of Parish & Schroeder, Architects.

The framing is of galvanized pipe covered with fine mesh netting.



Plate No. 3469. Vivarium at Princeton, New Jersey



Plate No. 3324. Pigeon Cage and Poultry Runs, Elberon, N. J.

THE photograph shows part of a series of poultry yards combined with a pigeon cage. The yards are roofed with fine mesh netting to protect the birds from hawks and sparrows.

The pigeon cage is constructed of galvanized pipe framing, covered with close mesh wire netting. It is 21 feet in width, 15 feet high in the center and 43 feet in length.

These cages are built without posts or other obstruction in the center. They can be varied in length and height as desired and, within practical limits, in width as well. Plans and quotations on cages of this type are given on application.

ANOTHER style of pigeon cage is shown in the small picture. The framework is of galvanized pipe; the roof is constructed on light but strong tubular trusses. A cage of this kind is simpler in form and somewhat cheaper than those with arched roofs.



Plate No. 3470. Pigeon Cage at Mendham, N. J.



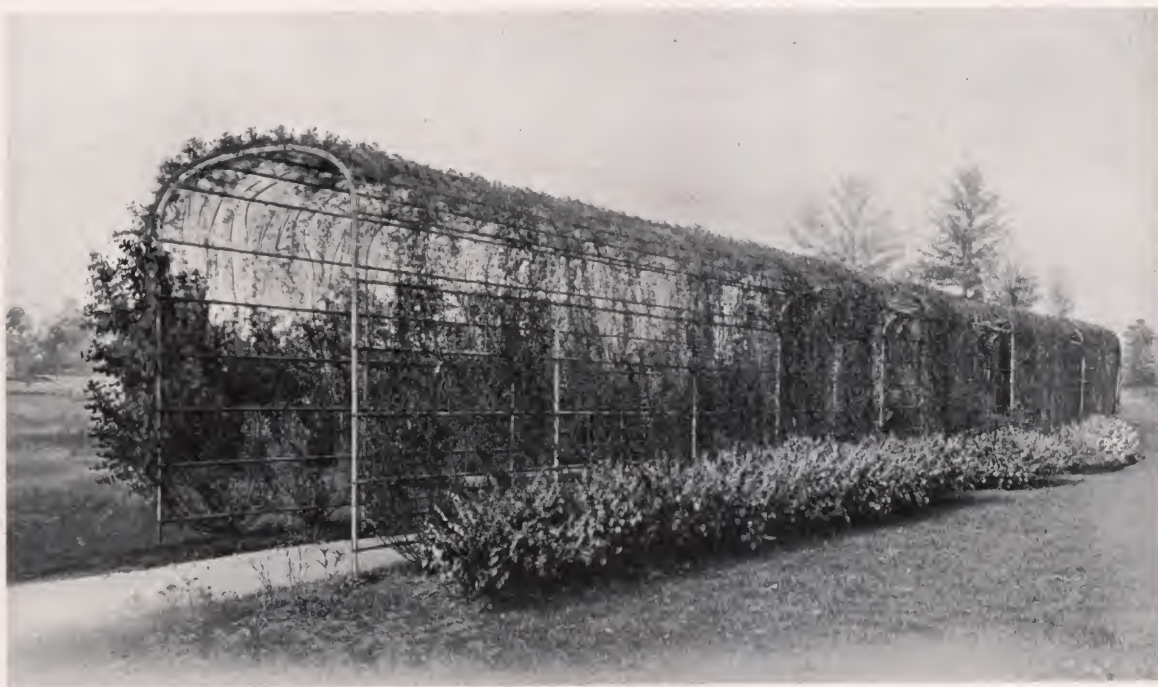


Plate No. 3390. Vine Arbor at Madison, N. J

THE arches of this arbor are made of steel bars, to which are bolted a series of pipe rails spaced about 18 inches apart. These arbors will last indefinitely, as all parts are galvanized both above and below ground. An attractive modification of the same type of arbor is shown in the illustration below.

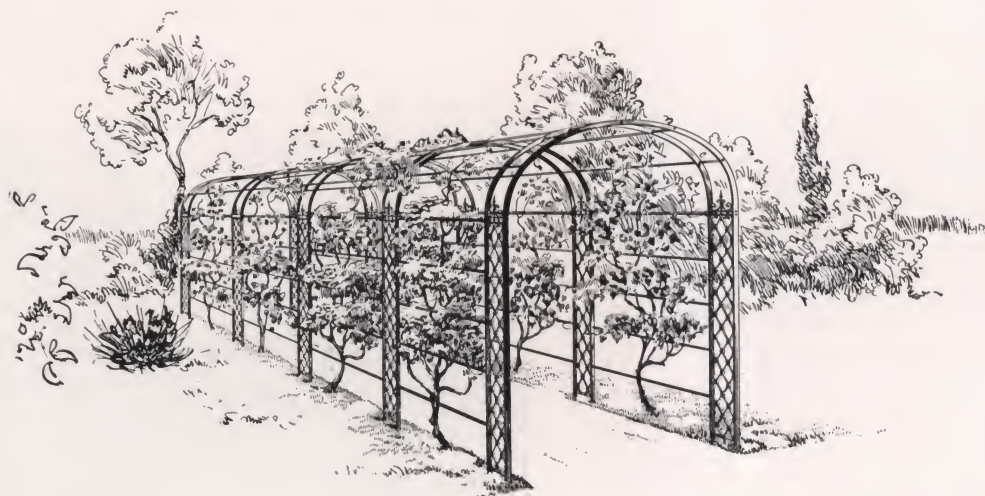


Plate No. 3471. Vine or Fruit Tree Arbor with Lattice Posts



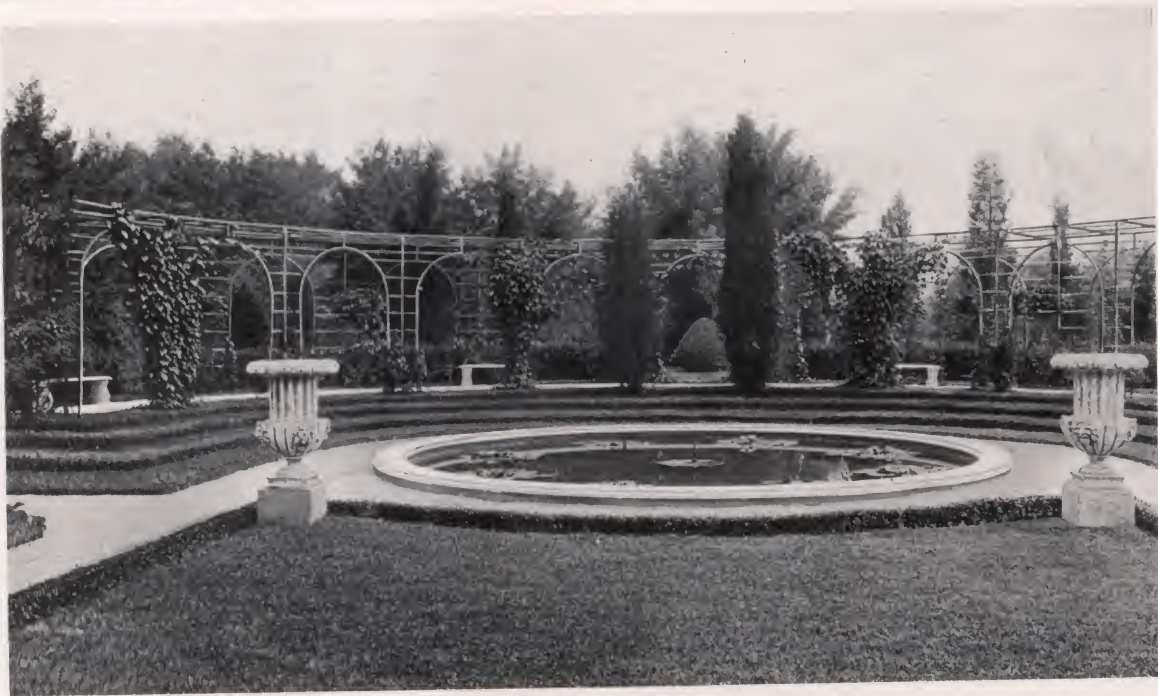


Plate No. 3472. Rose Arbor, Rumson, New Jersey
From designs by Ferruccio Vitale, Landscape Architect

THIS photograph was taken only a few months after the arbor was finished. The vines will eventually cover the whole structure and form one of the most beautiful features of the garden. The arbor is made of galvanized iron and is thus impervious to rust. If it were made of wood, in a few years, just when the vines were in their prime, it would begin to fall to pieces.

The arbor shown at the bottom of this page, is made of flat steel galvanized arches, spaced about 8 feet apart, with top rail and side rails of galvanized pipe; between these are run several lengths of wire on which the vines are supported. These wires are spaced 12 inches apart; the whole structure is galvanized and painted after being set up.

Prices are based on height, width and length, and are quoted on application.



Plate No. 3351. Vine Arbor



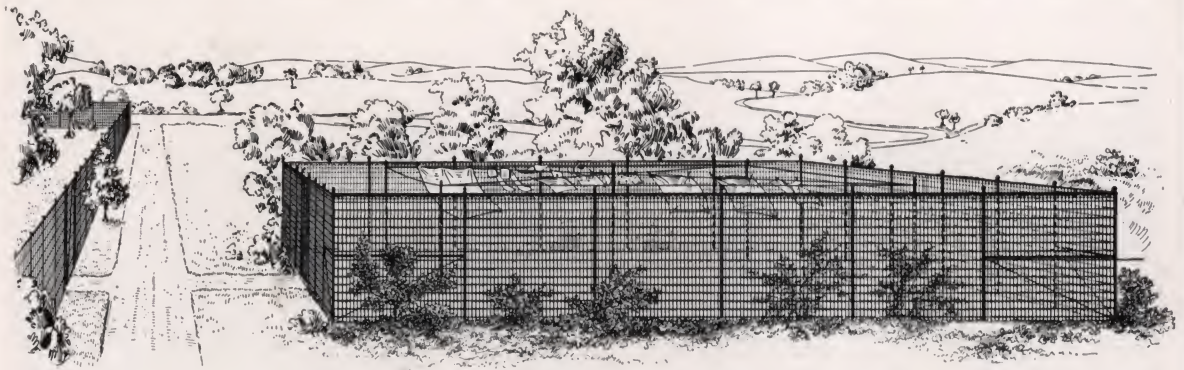


Plate No. 3479. Drying Yard

WE build these drying yards of any desired dimensions and of circular or oval shape as well as rectangular. The fence is 7 or 8 feet in height with hooks on each post for the lines. When covered with vines it makes a very effective screen. The top rail on these enclosures is made of 1¼-inch pipe (1½ inches outside diameter). The netting usually supplied is the same as that shown in Plate No. 3476, but any other style of netting can be furnished if desired.

Height Above Ground Feet	Width of Netting Inches	Price per Lineal Foot Posts Spaced	Price of End, Corner and Gate Posts with Brace	Price of Gates	
		8 Feet		Single, 3½ Feet	Double 10-Foot Opening
7	82	\$1.14	\$10.00	\$13.00	\$31.00
8	94	1.24	10.60	14.50	34.00

Clothes Posts 2 inches in diameter, 6 feet 6 inches in height above ground, as shown on page 86, price, each, \$4.25. Clothes Posts 2½ inches in diameter, 6 feet 6 inches in height above ground, as shown on page 86, price, each, \$6.00. List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.

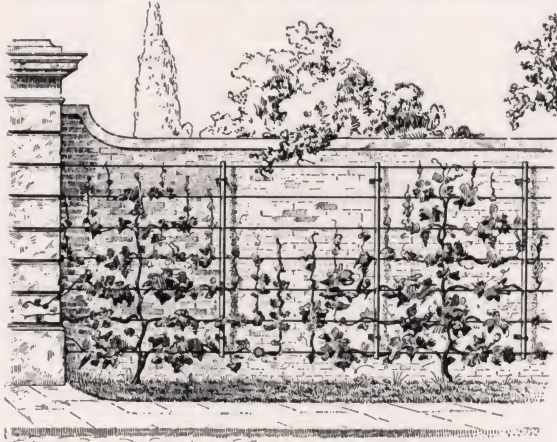


Plate No. 3354. Wire Espalier

WE have equipped a number of gardens with these wire espaliers. The upright standards are made of grooved steel bars, to which two or more arms are bolted. These arms are pointed on the ends, so that they can be driven into the seams between the bricks.

Plate No. 3353. Vine and Fruit Tree Trellis

THE trellis shown in this illustration is used for the formal training of vines and fruit trees. It is built with size No. 2 Anchor Posts and Galvanized Pipe Top Rail. The wires are No. 9 Coiled Spring Wire, placed 12 inches apart.



Height Above Ground Feet	Number of Wires	Price per Lineal Foot, Posts Spaced		Price of End, Corner and Gate Posts with Brace
		8 Feet	10 Feet	
5	4	\$0.56	\$0.49	\$8.80
6	5	.62	.54	9.40
7	6	.68	.60	10.00
8	7	.74	.66	10.60

List prices, not including cost of erecting, are subject to discount. Net prices, including erecting, quoted on application.



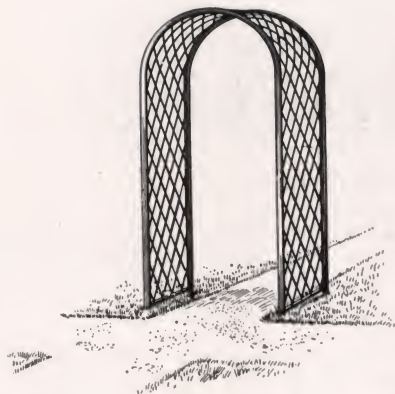


Plate No. 3330. Garden Arch

THESE arches are made of heavy wire, with either channel or round steel binding. They can be furnished in any desired width or height, and from 1 to 4 feet in depth. Prices quoted on application.

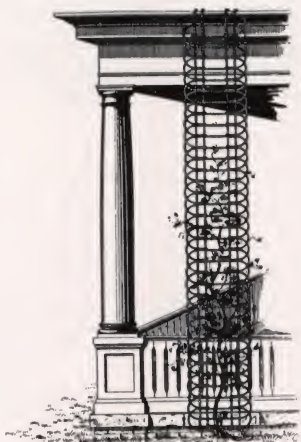


Plate No. 3363. Wire Trellis

THIS is a very serviceable wire trellis, and costs but little more than Poultry Netting, so often used for this purpose. Made of galvanized wire; will keep its shape and last a long time.

List Prices

18 inches wide . . .	15 cents per foot
24 inches wide . . .	16 cents per foot
30 inches wide . . .	17 cents per foot

Plate No. 3332. Perfection Flower Bed and Lawn Guard

THIS guard is made of No. 9 crimped wires with 3 or more lateral cables. It is made of galvanized wire and painted after weaving. The size of the mesh is $2\frac{7}{8} \times 6$ inches. We make this guard in three widths, which are 12, 18 and 24 inches in height when set. It is put up in rolls of 250 feet and supplied in cut lengths for any quantity required.

Price per lineal foot, 12 inches in height . . .	10 cents
Price per lineal foot, 18 inches in height . . .	11 cents
Price per lineal foot, 24 inches in height . . .	13 cents



Plate No. 3490. Field Guard for Trees

THIS guard is used for the protection of young trees from cattle. It is usually made from 6 to 8 feet in diameter, and 4 feet or more high. The guard is made in sections, and is bolted together after it is set up. Prices quoted on application.



Plate No. 3362. Permanent Trellis

THIS is a permanent form of trellis, made with heavy galvanized wire on either channel or round steel frame. It can be furnished in any width and height desired. Prices quoted on application.



Plate No. 3332. Perfection Flower Bed and Lawn Guard



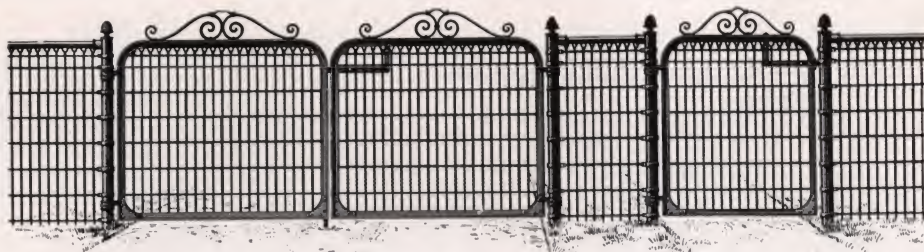


Plate No. 3473. Double and Single Woven Wire Gates

THESE gates are made with T iron frames. The center of the gate is filled with Woven Wire Fabric to correspond with that used in our various fences of this type. The gates and their fittings are galvanized.

Height Above Ground When Set	Price of Single Gates 1½-Inch T-Frame		Price of Double Gates 1½-Inch T-Frame	
	3½-Foot Opening	4-Foot Opening	10-Foot Opening	12-Foot Opening
3 feet 6 inches	\$8.50	\$9.25	\$20.50	\$23.50
4 feet	9.00	9.75	22.00	25.00
4 feet 6 inches	9.50	10.25	23.50	26.50
5 feet	10.50	11.25	26.00	29.00

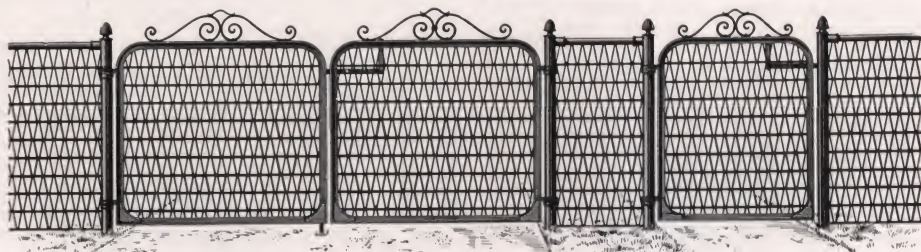


Plate No. 3474. Double and Single Triangular Mesh Gates

THESE gates are filled with Triangular Mesh Netting to correspond with the fencing of this type. The gates can be furnished with or without the ornamental scroll on top. Galvanized throughout.

Height Above Ground When Set	Price of Single Gates 1½-Inch T-Frame		Price of Double Gates 1½-Inch T-Frame	
	3½-Foot Opening	4-Foot Opening	10-Foot Opening	12-Foot Opening
3 feet 6 inches	\$8.50	\$9.25	\$20.50	\$23.50
4 feet	9.00	9.75	22.00	25.00
4 feet 6 inches	9.50	10.25	23.50	26.50
5 feet	10.50	11.25	26.00	29.00

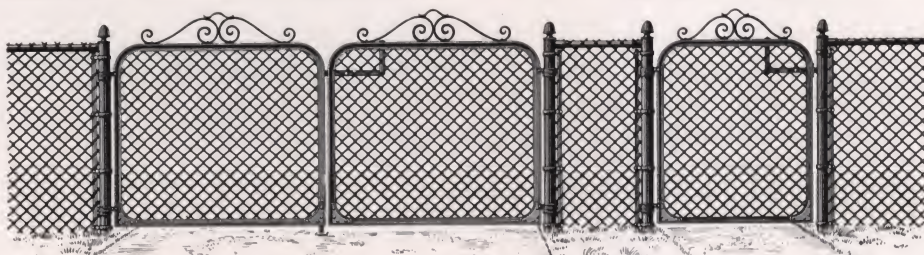


Plate No. 3475. Double and Single Chain Link Gates

THESE gates are filled with Chain Link Fabric. On account of the strength of the fabric and closeness of the mesh they make very strong and serviceable gates and can be used either with the Chain Link Fencing or with other styles of fence as desired. Galvanized throughout.

Height Above Ground When Set	Price of Single Gates 1½-Inch T-Frame		Price of Double Gates	
	3½-Foot Opening	4-Foot Opening	1½-Inch T 10-Foot Opening	1¾-Inch T 12-Foot Opening
3 feet 6 inches	\$10.50	\$11.50	\$27.00	\$34.00
4 feet	11.25	12.25	29.00	36.00
4 feet 6 inches	12.00	13.00	31.00	38.00
5 feet	13.50	14.50	34.00	41.00

For single gates made to grade, add to list \$1.50. For double gates made to grade, add to list \$3.00.





Plate No. 3356. Single and Double Twisted Picket Gate

THESE gates are made of T iron frames with twisted pickets $\frac{5}{8} \times \frac{1}{8}$ inch thick. The hinges and latches are strong malleable iron castings. All parts of the gates and their fittings are galvanized.

Height Above Ground When Set	Price of Single Gates 1½-Inch T-Frame		Price of Double Gates 1½-Inch T-Frame	
	3½-Foot Opening	4-Foot Opening	10-Foot Opening	12-Foot Opening
3 feet 6 inches	\$10.00	\$10.75	\$25.00	\$28.00
4 feet	10.50	11.25	26.50	29.50
4 feet 6 inches	11.00	11.75	28.00	31.00
5 feet	12.00	12.75	30.50	33.50

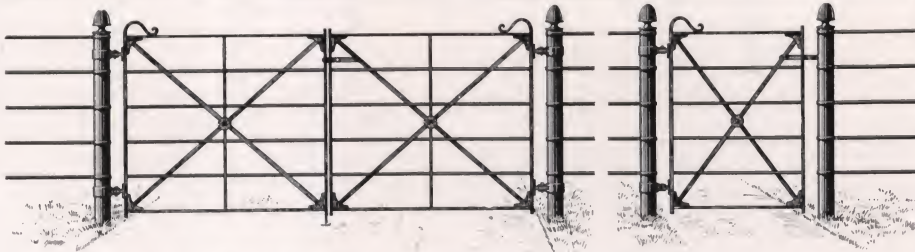


Plate No. 3357. Single and Double Hurdle Gate

THE framing of these gates are all flat bars; the rails are round rods. These gates are made to match the different types of English Hurdle Fences but can be used equally as well with any of our wire fences if desired. The gates are painted (not galvanized).

Height Above Ground When Set	Number of Rails in Frame	Price of Single Gates 1¾ x ½-Inch Frame		Price of Double Gates 1¾ x ½-Inch Frame	
		3½-Foot Opening	4-Foot Opening	10-Foot Opening	12-Foot Opening
3 feet 6 inches	4	\$14.00	\$15.00	\$34.00	\$37.00
4 feet	5	15.00	16.00	36.50	39.50
4 feet 6 inches	6	16.00	17.00	39.00	42.00
5 feet	6	17.00	18.00	41.50	44.50

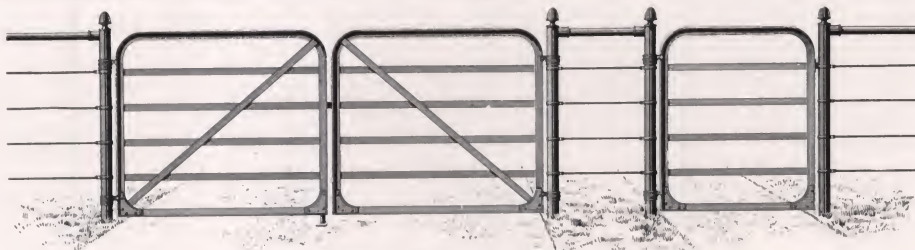


Plate No. 3359. Single and Double Farm Gate

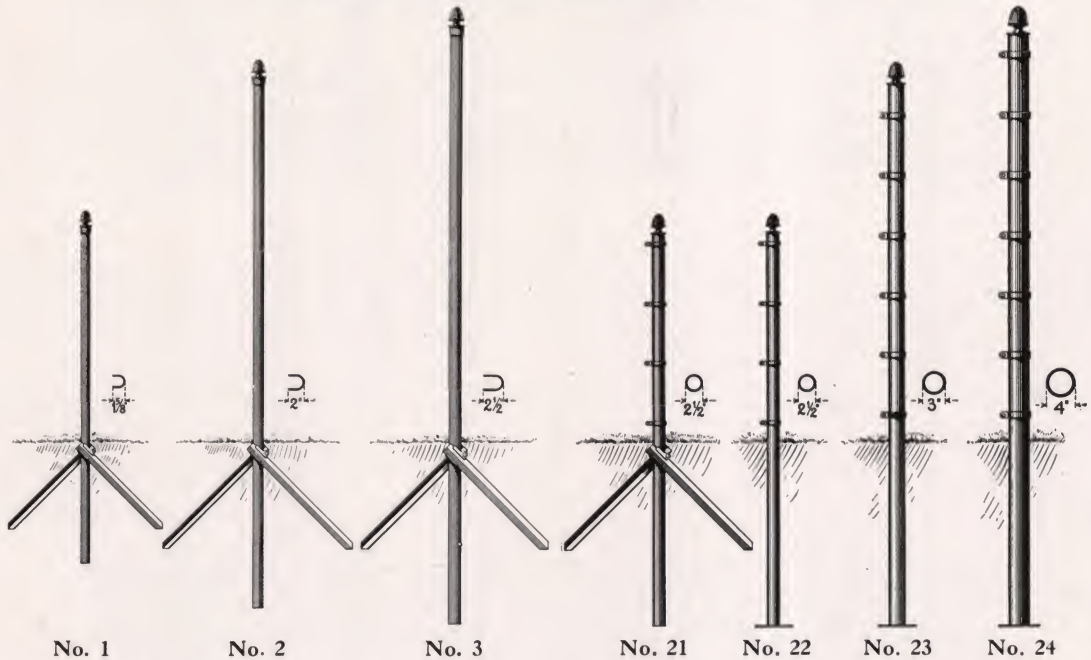
THE frames of these gates are of T iron; the rails are 1 x ¼-inch flat bars. The gates, including their fittings, are galvanized throughout. They are strongly made, are serviceable, and can be used with any wire fence.

Height Above Ground When Set	Number of Rails in Frame	Price of Single Gates 1¼-Inch T-Frame		Price of Double Gates 1¼-Inch T-Frame	
		3½-Foot Opening	4-Foot Opening	10-Foot Opening	12-Foot Opening
3 feet 6 inches	4	\$7.00	\$7.75	\$19.00	\$22.00
4 feet	5	7.75	8.50	21.00	24.00
4 feet 6 inches	6	8.50	9.25	23.00	26.00
5 feet	6	9.25	10.00	25.00	28.00

For single gates made to grade, add to list \$1.50. For double gates made to grade, add to list \$3.00.

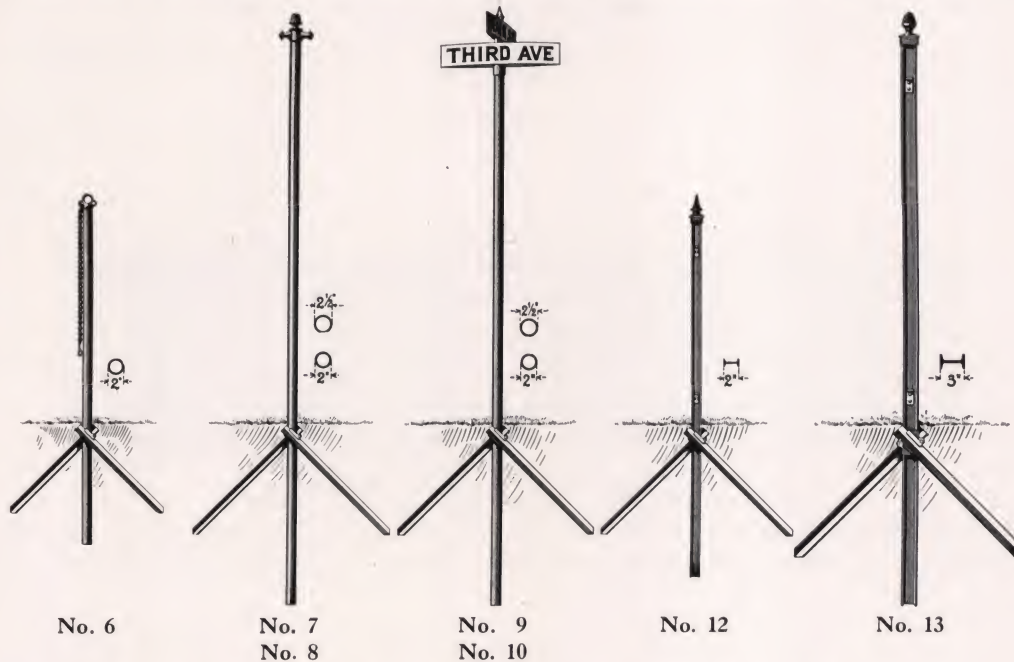


Galvanized Anchor Posts



All posts shown on this page are galvanized throughout, including tops, anchors and fittings.

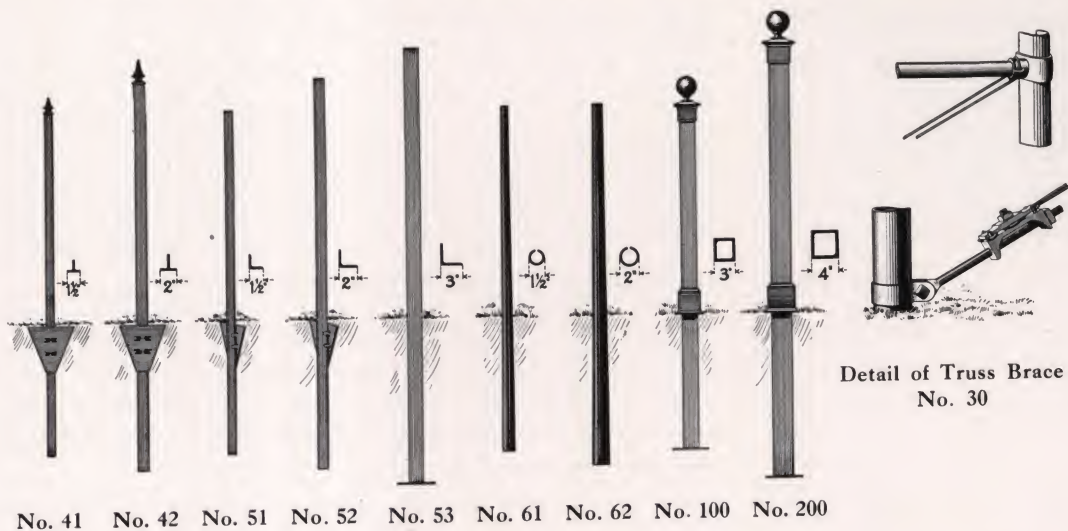
- No. 1. Standard Anchor Post for fences up to 4 feet 6 inches high, 1½-inch U-bar, anchors each 2 feet long.
- No. 2. Standard Anchor Post for fences 5 to 8 feet high, 2-inch U-bar, anchors each 2 feet or 2 feet 6 inches.
- No. 3. Standard Anchor Post for fences 8 to 12 feet high or higher, 2½-inch U-bar, large anchors each 2 feet 6 inches.
- No. 21. End, Corner or Gate Post for fences up to 10 feet high, 2½-inch steel tubing, large anchors each 2 feet 6 inches.
- No. 22. Same post as No. 21 but without anchors; for setting in concrete.
- No. 23. End and Corner Post for Chain Link Fences 6 to 12 feet high, 3-inch steel tubing.
- No. 24. Gate Post for double gates, Chain Link Fences 6 to 12 feet high, 4-inch steel tubing.



- No. 6. Hitching Post with chain and snap, 2-inch steel tubing, regular anchors. Price, \$3.25.
- No. 7. Clothes Post, standard size, 6 feet 6 inches high, 2-inch steel tubing, anchors 2 feet 6 inches. Price, \$4.25.
- No. 8. Clothes Post, extra size, 2½-inch steel tubing, in other respects same as No. 7. Price, \$6.00.
- No. 9. Sign Post, 2-inch steel tubing, 7 feet high from ground to sign, top for holding sign at any angle.
- No. 10. Sign Post, extra size, 2½-inch steel tubing, in other respects same as No. 9.
- No. 12. Anchor Post for railings up to 4 feet 6 inches high, 2 by ¾-inch I-bar, large anchors each 2 feet 6 inches.
- No. 13. Anchor Post for railings 5 to 8 feet high, 3 by 2¼-inch standard I-bar, extra large anchors each 3 feet.

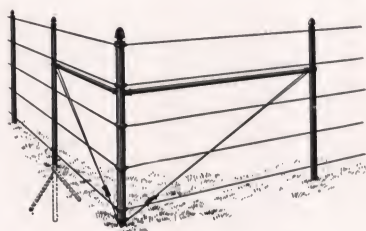


Fence Posts of T-Bars, L-Bars and Other Shapes

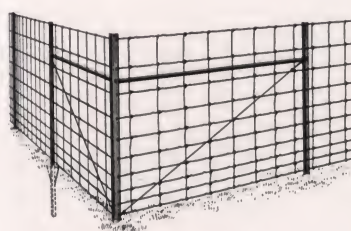


THE posts shown on this page, with the exception of Nos. 100 and 200, are used for some of the cheaper grades of farm and factory fences. Posts Nos. 61 and 62 are made of galvanized sheet steel; the others are painted (not galvanized).

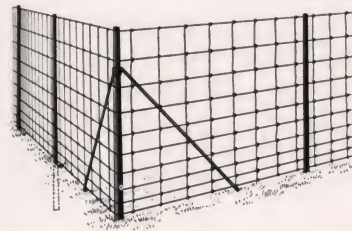
- No. 41. Post of 1½-inch T-bar with plate anchor for fences up to 4 feet 6 inches high, painted.
- No. 42. End, Corner or Gate Post of 2-inch T-bar used in connection with line posts Nos. 41 and 51, painted.
- No. 51. Post of 1½-inch L-bar with plate anchor for fences up to 4 feet 6 inches high, painted.
- No. 52. Posts of 2-inch L-bar with plate anchor for fences 5 to 8 feet high, painted.
- No. 53. End, Corner or Gate Post of 3-inch L-bar used with line posts No. 52 for fences 5 to 8 feet high, painted.
- No. 61. Tubular Post for fences up to 4 feet 6 inches high, made from galvanized sheet steel, having a series of projecting lips the entire length of the post for securing the fence wires.
- No. 62. Tubular End, Corner or Gate Post used with line Post No. 61.
- No. 100. Strong, substantial End, Corner or Gate Post for iron railings or wire fences, 3 by 3 inches, with cast-iron top and base collar, painted.
- No. 200. End, Corner or Gate Post for iron railings and gates, 4 by 4 inches, similar to No. 100, painted.



Truss Braces No. 30
For Corner Posts



Truss Braces No. 40
For Corner Posts



Braces No. 60
For Corner Posts

THE methods of bracing our End, Corner and Gate Posts are here illustrated, and the details of standard truss brace No. 30, which is used with all Anchor Post Fences, are also shown at the top of this page.

- No. 30. Truss Brace, made of extra heavy steel tubing, 8 or 10 feet long. A double cable passes through and over the socket on the line post supporting the end of the brace. The ends of this cable are secured in a clamp on a screw rod fastened to the base of the end post. This double cable is drawn to any required tension by turning the nut on the screw rod. It is a strong, efficient brace for a wire fence. All parts are galvanized.
- No. 40. Truss Brace used with End, Corner or Gate Posts Nos. 42 and 53. The brace is made of angle iron and is bolted to each of the posts as shown. The cable is a double cable secured to a hook in the base of the straining post. This brace is painted (not galvanized).
- No. 60. Solid Rod Brace fastening to collar clamped to straining post, the other end of the brace setting in concrete footing used with straining Post No. 62.



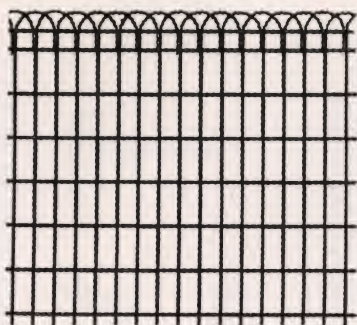


Plate No. 3476. 27/8-Inch Woven Wire Fabric

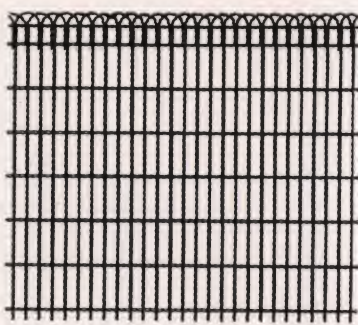


Plate No. 3477. 13/4-Inch Woven Wire Fabric

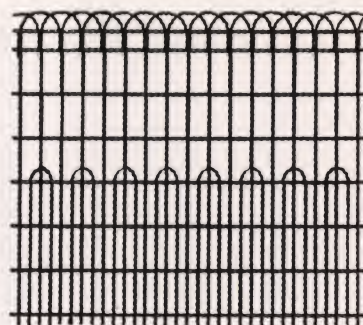


Plate No. 3478. 13/8-Inch Woven Wire Fabric

THESE fabrics are made of No. 9 galvanized pickets with two-ply cables, No. 12½ wires. The two top cables are spaced 2¾ inches apart; other cables 6 inches. These fabrics have extra strength at the top and on account of the closeness of pickets and the method of weaving are very serviceable as well as attractive in appearance. These nettings are carried in stock in 15-rod rolls (about 250 feet).

List Prices Woven Wire Fabric—Discount Quoted on Application

Style Plate No.	Space Between Pickets Inches	Width of Fabric in Inches											
		24	30	35	41	47	53	59	65	70	76	82	94
3476	27/8	\$0.13	\$0.15	\$0.16	\$0.17	\$0.19	\$0.21	\$0.23	\$0.26	\$0.29	\$0.32	\$0.35	\$0.42
3477	13/4	.18	.20	.21	.23	.26	.29	.32	.36	.41	.46	.50	.60
3478	13/8	.17	.19	.20	.22	.25	.28	.31					

WE carry in stock at our factory for immediate shipment Farm Fencing in widths given by the table below. The netting is put up in ten, twenty and forty-rod rolls.

Other sizes than those listed can be shipped on short notice. The illustration, together with table, shows the different heights that can be furnished and the number of wires or bars, as they are called, in each height. The netting is made in two different weights of wire, the regular specifications having top and bottom wires No. 9, intermediates No. 11 and uprights No. 12. The extra heavy specifications have all the wires of No. 9 sizes.

		58"		
			49"	9'
	47"			8'
		39"		7'
		32"		6'
		26"		5½'
		20"		5'
				4½'
				4'
				3½'
				3'
				2½'

Plate No. 3481 and 3480. Farm Fence

12-Bar, 58-inch, stays 12 inches apart, regular specifications, \$4.64 per 10-rod roll, net; No. 9 Wire, \$6.98 per 10-rod roll, net
10-Bar, 47-inch, stays 12 inches apart, regular specifications, 3.83 per 10-rod roll, net; No. 9 Wire, 5.80 per 10-rod roll, net
9-Bar, 39-inch, stays 12 inches apart, regular specifications, 3.42 per 10-rod roll, net; No. 9 Wire, 5.13 per 10-rod roll, net
8-Bar, 45-inch, stays 12 inches apart, regular specifications, 3.33 per 10-rod roll, net; No. 9 Wire, 4.86 per 10-rod roll, net

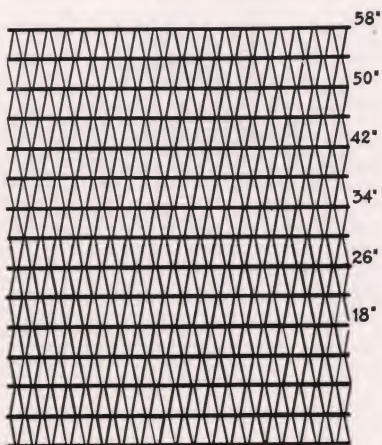


Plate No. 3482. Triangular Mesh Fencing, per 10-Rod Roll

THE Triangular Mesh Netting is made in the different heights shown by the illustration. The cables are 4 inches apart and are made of two-ply No. 12½ wire. The uprights, or mesh, are 2 inches apart, and are also made of No. 12½ wire. This netting is a very serviceable one on account of the shape of the mesh and the closeness of the weave. It is largely used for Factory, Railroad and Farm Fencing. We carry in stock at our factory for immediate shipment the widths given by the table below. Rolls, 10, 20 and 40 rods each.

Net Prices

34-inch, \$10.60	42-inch, \$12.80	50-inch, \$15.00	58-inch, \$17.20
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OUR nettings are all made from the highest grade of wire, and are *galvanized after weaving*.

For poultry purposes No. 18 and No. 19 wires are most commonly used, in 1, 1¼, 1½ and 2-inch mesh. For general fence purposes we recommend No. 14 and No. 16.

We give below partial list of the sizes we can supply. Those in bold face or heavy type are carried in stock for immediate shipment. The other sizes can be shipped in a few days.

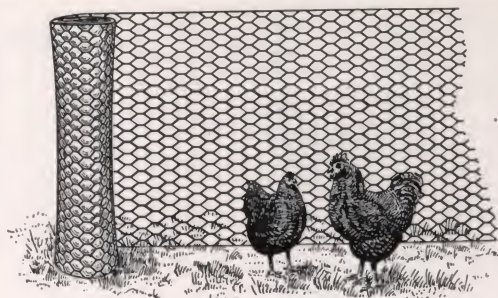


Plate No. 3369

Net Prices for Rolls, 150 Feet in Length

Height in Inches	2-Inch No. 19 Wire	2-Inch No. 18 Wire	2-Inch No. 16 Wire	2-Inch No. 15 Wire	2-Inch No. 14 Wire	1½-Inch No. 19 Wire	1½-Inch No. 18 Wire	1¼-Inch No. 18 Wire	1¼-Inch No. 16 Wire	1-Inch No. 20 Wire	1-Inch No. 18 Wire
12	\$0.75	\$1.00	\$1.65	\$2.18	\$2.85	\$1.05	\$1.35	\$1.80	\$3.30	\$1.65	\$2.35
18	1.15	1.50	2.50	3.30	4.30	1.60	2.05	2.70	4.95	2.50	3.50
24	1.50	1.95	3.30	4.35	5.70	2.10	2.70	3.60	6.60	3.30	4.65
30	1.90	2.45	4.15	5.45	7.15	2.65	3.40	4.50	8.25	4.15	5.85
36	2.25	2.95	4.95	6.55	8.55	3.15	4.05	5.40	9.90	4.95	7.00
42	1.65	3.45	5.80	7.65	10.00	3.70	4.75	6.30	11.55	5.80	8.15
48	3.00	3.90	6.60	8.70	11.40	4.20	5.40	7.20	13.20	6.60	9.30
60	3.75	4.90	8.25	10.90	14.35	5.25	6.75	9.00	16.50	8.25	11.65
72	4.50	5.85	9.90	13.10	17.10	6.30	8.10	10.80	19.80	9.90	13.95

The above prices are *net* and for full rolls of 150 feet. Cut lengths from stock sizes will be furnished at a slight additional cost. Netting staples, 200 to the pound, at seven cents (7 cts.) per pound *net*.

WE make Chain Link Woven Steel in four different weights of wire as illustrated in table below; No. 11 being the lightest, No. 4 the heaviest. The heaviest sizes of this fabric are used particularly for factory and railroad purposes. The lighter and lower fabrics are used extensively for lawn and division fencing. The fabric is made of best galvanized wire, is painted after being woven and is shipped in rolls of approximately 50 feet in length. Sizes shown in bold face type are carried in stock.

Size of Wire Number	Size of Mesh Inches	Width in Inches					
		36	48	60	72	84	96
11	2	\$0.21	\$0.28	\$0.35	\$0.42	\$0.49	
9	2	.27	.36	.45	.54	.63	\$0.72
6	2	.39	.52	.65	.78	.91	1.04
4	2	.51	.68	.85	1.02	1.19	1.36
11	1¾	.30	.40	.50	.60	.70	
9	1¾	.36	.48	.60	.72	.84	.96
6	1¾	.51	.68	.85	1.02	1.19	1.36
11	1½	.33	.44	.55	.66	.77	
9	1½	.42	.56	.70	.84	.98	1.12
6	1½	.60	.80	1.00	1.20	1.40	1.60
11	1¼	.42	.56	.70	.84		
9	1¼	.54	.72	.90	1.08		
6	1¼	.75	1.00	1.25	1.50		

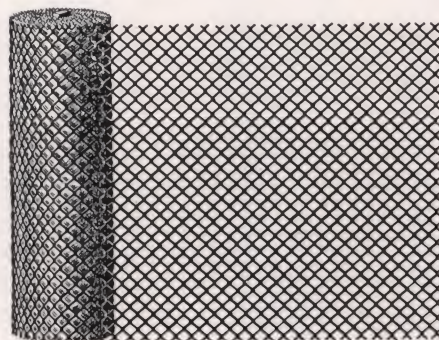


Plate No. 3483. Chain Link Woven Steel

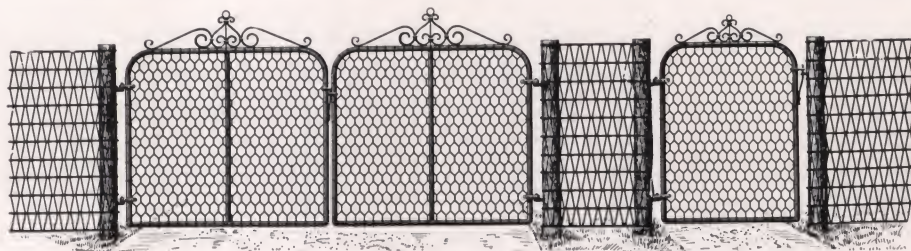
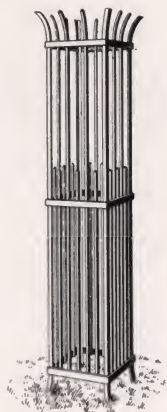


Plate No. 3360. Single and Double Farm Gates of Wire Mesh

THE frames of these gates are of steel tubing 1½ inches outside diameter. The center of the gate is filled with No. 14 galvanized wire. Gates as listed in the table below are carried in stock, with hinges and latches for either wood or iron posts. Other sizes can be made to order.

Height	Price of Single Gates		Price of Double Gates	
	3½-Foot Opening	4-Foot Opening	10-Foot Opening	12-Foot Opening
3 feet	\$5.00	\$5.50	\$14.50	\$16.50
3 feet 6 inches	5.25	5.75	15.00	17.00
4 feet	5.50	6.00	15.50	17.50





Tree Guard, Style No. 3484

THIS guard is 6 feet high, 14 inches square. The corner bars are of 1-inch steel angles. The long pickets are $\frac{5}{8}$ inch square, short pickets $\frac{1}{2}$ inch square. Price, each, \$12.00.



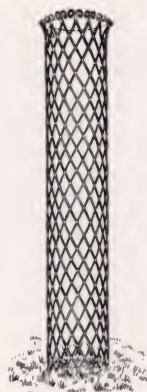
Tree Guard, Style No. 3485

THIS guard is 12 inches in diameter, 6 feet high; long pickets $\frac{5}{8}$ inch round, short pickets $\frac{1}{2}$ inch round. Price, each, \$9.00.



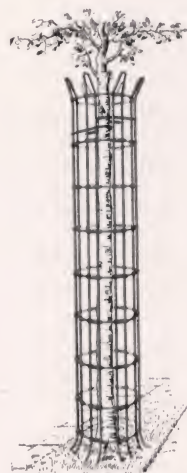
Tree Guard, Style No. 3486

THIS guard is 10 inches in diameter, 6 feet high; pickets, $\frac{1}{2}$ -inch channel bars, riveted to flat steel rings as shown by the illustration. Price, each, \$4.50.



Tree Guard, Style No. 3487

THIS guard is made of Expanded Metal. They are 12 inches in diameter, 6 feet high. It is stronger than most wire guards, and on account of its moderate price is very popular.



Tree Guard, Style No. 3488

THIS guard is made either 8 inches or 10 inches in diameter, is 6 feet in height; uprights are double pickets of No. 7 galvanized wire. On account of the close spacing it is one of the most serviceable wire guards made.



Tree Guard, Style No. 3489

THIS guard is made either 8 inches or 10 inches in diameter; upright pickets are heavy wire rods $\frac{1}{4}$ inch thick. These uprights are electrically welded to the rings, thus making a simple, strong and very cheap tree guard for general purposes.

Price, each \$3.00

Price, 8 inches . . . \$1.80
Price, 10 inches . . . 2.15

Price, 8 inches . . . \$1.20
Price, 10 inches . . . 1.40

WE furnish two spiral springs with all of our tree guards excepting the heavy iron guards Nos. 3484 and 3485. These springs are looped around the tree near the top of the guard and prevent it from chafing the tree.





Ribbon Wire ($\frac{1}{2}$ Actual Size)

GALVANIZED twisted wire is a well known and extensively used fence wire. On account of its width it is easily seen by stock. The galvanizing is so thoroughly applied that it will outlast ordinary fence wires. It averages about 9 feet to the pound.



Barb Wire ($\frac{1}{2}$ Actual Size)

FOUR-POINT barb wire averages about 11 feet to the pound. The distance between points is a little over 3 inches. This wire is shipped in reels of about 100 pounds each.



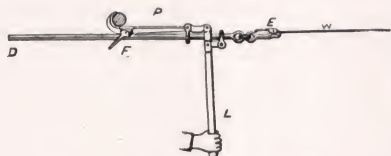
Four-Ply Twisted Cable ($\frac{1}{2}$ Actual Size)

THIS cable is made of four No. 14 galvanized wires twisted together. It averages about 13 feet to the pound. For general fence purposes, where barbs are not desired, it is a very strong and suitable fence wire.



Galvanized Coil Spring Wire ($\frac{1}{2}$ Actual Size)

FOR fence purposes we recommend coil spring smooth wire, which is a form of galvanized steel wire that in manufacture is coiled in the form of a spring and then pulled out nearly straight. The spring thus left in the wire makes it very elastic, counteracting the expansion and contraction due to changes in temperature, and keeping the wire always taut. No. 11 wire averages about 22 feet to the pound. No. 9 wire averages about 16 feet to the pound.



The Sedgwick Wire Puller

THIS device is the most convenient and powerful wire stretcher that we know of. About two feet of slack wire can be taken up at one time by this stretcher, and even when the hand is removed from the lever it will not slip or let go.

Price, each \$3.00



Staple, $1\frac{1}{2}$ -Inch

THESE staples are No. 9 gauge, average about 50 to the pound; they are made square on top as shown and are used with our Galvanized Anchor Posts, which are punched with double holes to receive the staple. This staple is also used for fastening ribbon wire to wood posts.



Staple, $1\frac{1}{4}$ -Inch

THESE staples are No. 9 gauge, about 60 to the pound; they are used for fastening all kinds of wire and wire netting to wood posts.

Staple, $\frac{3}{4}$ -Inch

Round top staples, No. 14 gauge, average about 200 to the pound. They are $\frac{3}{4}$ inch long and are used for stapling light wire netting and fence wires to wood posts.



Wire Pliers

THIS is a combination pliers and wire cutter. We have found them for our own use the most serviceable pliers made. We furnish them in two sizes, namely, 8 and 10 inches in length.

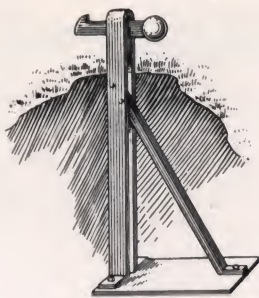
Price, 8-inch, each \$1.20
Price, 10-inch, each 1.50





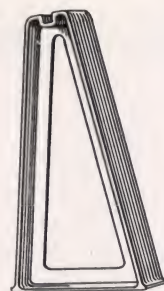
Gate-Stop No. 2

GATE-STOP No. 2 is used for wire and light wrought iron gates. They are usually set in concrete. Price, each, \$2.00.



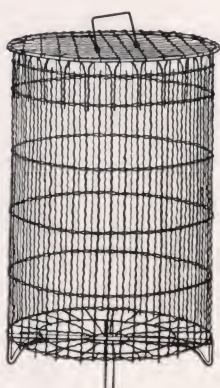
Gate-Stop No. 3

GATE-STOP No. 3 is used for heavy wrought iron gates and should always be set in concrete. Price, each, \$3.50.



Latch Block for Double Gates

THIS latch block is set in the center of the roadway for receiving the drop pin on double gates. They are furnished with the gates without extra charge.



Wire Waste-Paper Consumer

THIS is a wire basket for waste-paper, old rags and rubbish in general. It can be placed in any convenient spot out of doors and the contents burned in the basket in a few minutes; dirt and danger entirely eliminated. These consumers are made in four sizes, as listed below.

No. 1—20 in. diam. x 30 in. high, List, each	. . . \$3.35
No. 2—17 in. diam. x 25 in. high, List, each	. . . 2.25
No. 3—14 in. diam. x 21 in. high, List, each	. . . 1.75
No. 4—12 in. diam. x 18 in. high, List, each	. . . 1.50

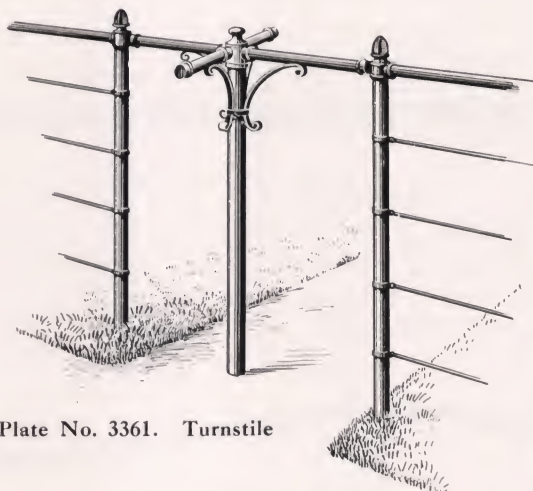


Plate No. 3361. Turnstile

THIS turnstile is adaptable to any kind of wire or pipe fence. It is substantially made, turns easily and cannot get out of order. Price, each, \$12.00.



WE furnish dark green or black paint of the best quality for all of our fences, put up in packages of one, two and five gallons. This paint is made of the best linseed oil and coloring pigments, and is one that we have found to wear the best on iron or wire surfaces. For wire fences we usually use and recommend dark green paint and black paint for railings.



INDEX

Anchor Posts, Galvanized	86	Intertrack Sliding Gate	42
Arbors, Iron & Wire	80, 81	Kennel Fences	75
Arches, Garden	83	Lamps, Wrought Iron	68
Athletic Field Enclosures	20	Latch Block	92
Aviaries	78, 79	Netting, Wire	88, 89
Back-Stops, Baseball	20	Netting, Hexagon Mesh	89
Back-Stops, Tennis	15 to 19	Netting, Triangular Mesh	88
Chain Link Woven Steel	22, 28, 89	Netting, Chain Link	28, 89
Chain Link Fences, 8, 17, 20, 23, 24, 25, 28, 29		Netting, Woven Wire	88
Chain Link Gates	26, 27, 84	Netting, Farm	88
Chicken Netting	89	Paint	92
Chicken Fences	76, 77, 79	Paper Consumers	92
Clothes Drying Yard	82	Pipe Railings	14
Clothes Posts	82, 86	Play Ground Enclosures	20
Consumers, Paper	92	Pliers	91
Dog Kennel Enclosures	75	Portable Fence	74
Drying Yard Enclosures	82	Poultry Netting	89
Entrance Gates, Wrought Iron	2, 45 to 58, 65, 66, 67	Poultry Run Enclosures	76, 77, 79
Espaliers, Wire & Iron	82	Post Braces	87
Fan Guards	34	Posts, Clothes	86
Fence Netting	88, 89	Posts, Fence	86, 87
Fence Posts, Galvanized Anchor	86	Posts, Hitching	86
Fence Posts, Ungalvanized	87	Posts, Sign	86
Fence Stretchers	91	Posts, Tennis Net	16
Fence Wire	91	Railings, Ornamental Iron	60 to 67
Fences, Lawn & Garden	5 to 13	Railings, Plain	37 to 43, 60, 62, 66, 67
Fences, Tennis	15 to 19	Railings, Pipe	14
Fences, Farm	69 to 77, 85	Railroad Fence	23, 24, 25, 32, 33, 42
Fence Staples	91	Railroad Sliding Gates	42
Fences, Factory	21 to 44	Screens, Wrought Iron	59
Flower Bed Guards	83	Screens, Wire	36
Gates, Wire	84, 85, 89	Sign Posts	86
Gates, Collapsible	36	Staples	91
Gates, Wrought Iron, Single	65, 66, 67	Stock Paddocks	71
Gates, Wrought Iron, Double, 2, 45 to 58, 65, 66		Stretchers	91
Gates, Sliding	26, 42	Tennis Court Diagrams	15, 18
Gates, Chain Link	26, 27, 84	Tennis Fences	15 to 19
Gate-Stops	92	Tennis Net Posts	16
Grilles, Ornamental Iron	59	Tool Room Partitions	36
Guards, Flower Bed	83	Tree Guards	83, 90
Guards, Iron Window	35	Trellises	82, 83
Guards, Wire Window	35	Triangular Mesh Fences	32, 33, 34, 72, 84, 88
Guards, Tree	83, 90	Turnstiles	92
Hitching Posts	86	Window Guards, Iron	35
Hurdle Fence, Portable	74	Window Guards, Wire	35
Hurdle Gates, Single & Double	74, 85	Wire Cutters	91
Intertrack Railroad Fence	42	Wire Netting	88, 89
		Wire Screens	36
		Wire Stretchers	91

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